

User Manual

Version 9.1

REVISIONS

Revision	Date	Description
1.0	Oct-04-2011	Initial Release
2.0	June-21-2012	Changes with CDX Release 2.0 included
3.0	May-16-2013	Changes with CDX Release 3.0 included
3.7	July-31-2014	Changes with CDX Release 3.7 included
4.1	Nov-18-2014	Changes with CDX Release 4.0 and 4.1 included
4.2	May-07-2015	Changes with CDX Release 4.2 included
4.3	July-15-2015	Changes with CDX Release 4.3 included
4.4	Nov-10-2015	Changes with CDX Release 4.4 included
5.0	June-17-2016	Changes with CDX Release 5.0 included
5.1	Nov-24-2016	Changes with CDX Release 5.1 included
5.2	Feb-15-2017	Changes with CDX Release 5.2 included
5.3	June-01-2017	Changes with CDX Release 5.3 included
5.3.1	Aug-17-2017	Changes with CDX Release 5.3.1 included
5.4	Feb-19-2018	Changes with CDX Release 5.4 included
5.5	Apr-23-2018	Changes with CDX Release 5.5 included
6.0	Sep-10-2018	Changes with CDX Release 6.0 included
6.1	Mar-6-2019	Changes with CDX Release 6.1 included
6.2	Sep-23-2019	Changes with CDX Release 6.2 included
6.2.1	Mar-4-2020	Changes with CDX Release 6.2.1 included
6.2.2	June-2-2020	Changes with CDX Release 6.2.2 included
7.0	July-9-2020	Changes with CDX Release 7.0 included
7.1	Oct-1-2020	Changes with CDX Release 7.1 included
7.2	Nov-25-2020	Changes with CDX Release 7.2 included
7.3	Jan-20-2021	Changes with CDX Release 7.3 included
7.4	April-21-2021	Changes with CDX Release 7.4 included
7.5	July-30-2021	Changes with CDX Release 7.5 included
7.6	Nov-24-2021	Changes with CDX Release 7.6 included
7.7	Jan-26-2022	Changes with CDX Release 7.7 included
7.8	April-4-2022	Changes with CDX Release 7.8 included
7.8.2	July-20-2022	Changes with CDX Release 7.8.2 included
8.0	Mar-07-2023	Changes with CDX Release 8.0 included
8.1	May-25-2023	Changes with CDX Release 8.1 included
8.2	Aug-23-2023	Changes with CDX Release 8.2 included
8.3	Feb-14-2024	Changes with CDX Release 8.3 included
8.3.1	July-15-2024	Changes with CDX Release 8.3.1 included
8.4	October-10-2024	Changes with CDX Release 8.4 included
8.5	January-15-2025	Changes with CDX Release 8.5 included
8.6	April-09-2025	Changes with CDX Release 8.6 included
8.7	July-31-2025	Changes with CDX Release 8.7 included
8.8	Oct-20-2025	Changes with CDX Release 8.8 included
9.0	Feb-06-2026	Changes with CDX Release 9.0 included
9.1	May-28-2026	Changes with CDX Release 9.1 included

For detailed information about the mentioned Release changes, please read the corresponding [Release Notes](#) on our CDX pages.

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INTRODUCTION

Environmental protection plays an ever-increasing role in our world. More and more chemicals are coming under scrutiny with companies in all industries required to reduce the use of these hazardous substances in their products. Additionally, to avoid waste, companies are required to reduce the demand for resources – recovering the resources contained in waste and returning them back into the product. With the increasing globalization of the economy and customer base, a company needs to go beyond observing only national or regional standards. They must also comply with international laws and regulations and implement the requirements into the design and production processes.

DXC Technology (DXC) – one of the pioneer companies in recycling and environmental management – provides the [Compliance Data eXchange \(CDX\)](#), a solution that enables you to collect, maintain, analyze and archive information about your materials across all levels of your supply chain. With the help of the CDX system, you can provide information about the substances contained in your products or used during your production process at anytime from anywhere to your customers that require it, and you can analyze your data in terms of environmental compliance. In the CDX system, you collect data through the entire supply chain which allows participating companies to comply with legal requirements such as the Hong Kong Convention (HKC), REACH, SVHC, WEEE, Conflict Minerals, Extended Materials and similar regulations.

The **CDX Responsible Materials Declaration (RMD) Manager** supports Responsible Minerals Initiative (RMI) and assists you in the data collection process for Conflict Minerals and Extended Materials declarations.

The **CDX Conflict Minerals Declaration (CMD) Manager** enables you to meet due diligence responsibility of downstream entities under the EU Conflict Minerals regulation explicitly specifying any Conflict Afflicted High-Risk Area (CAHRA) and the obligations under the U.S. Dodd-Frank Act Section 1502. The **CDX Extended Materials Declaration (EMD)** along with Conflict Minerals Declaration (CMD) will assist you in the declaration process and roll-up of information received from supplier companies, to give you full control over your company's supply chain and to improve company transparency, increase investors' and customer interest, and meet the market's growing Environmental, Social and Governance (ESG) expectations. Responsible Materials Management (RMD) provides the best solution to manage the CMDs and EMDs of business partners working in CDX, and also exchanging CMDs and EMDs with business partners not currently registered in CDX.

CDX – GETTING STARTED

Basic Requirements

For accessing the CDX you need an internet connection and a browser. Due to the technical requirements, please use one of the browser versions supported by DXC (you find these versions on the CDX Information Pages, www.cdssystem.com → How To Start → System Information) Pe.g. the Microsoft Internet Explorer Version deor Mozilla Firefox and Google Chrome in its current version. There may be other browsers and versions that will work with CDX but the Helpdesk can only assist if you have issues with the supported browsers. In all cases, in the internet options of the browser, you must enable Java Scripting. If your browser does not have the correct options enabled, you will not be able to continue actions in the application. As with other web applications, when working in CDX, the browser keys and buttons (for example "Back") do not have the desired effect. You will need to use the buttons and functions within CDX to navigate.

Costs

Any company can self-register and use CDX to create Material Data Sheets (MDSs) and Conflict Minerals Declarations (CMDs) and send them to their customer at no cost. However, to receive the greatest benefit from the system, you need to use data from your suppliers. To be able to incorporate their data into your structures, you need to pay for the supplier data you want to use in your own structures. Please find detailed information about available MDS, CMD and EMD licenses in our CDX Information Pages > [Pricing](#).

The service fees include the CDX operations, system maintenance, web services and 1st level Helpdesk support.

To use the CDX Web Services, your company has to place minimum one order, and the use of the standard interface is included in the license price. However, any support (e.g. consulting) regarding the connection of CDX to your in-house systems is not included and will need to be purchased separately.

The charge to use the CMD/EMD Manager and incorporate CMDs and EMDs from your suppliers via CMD/EMD workflow or Excel upload, will be based on a fee per calendar year for each CDX company.

This Extended Materials Declaration module can be optionally licensed as an add-on functionality to Conflict Minerals Declaration only.

Company Registration

Note: Each company or company site is allowed one CDX registration. This is done to prevent confusion within your own company and between your company and your customers and suppliers. We ask that you check first with the [CDX Service Desk](#) before registering your company online. Once registered, any Company Administrator can create users and other Company Administrators. As people within a company frequently change jobs or leave the company, we strongly suggest a minimum of two (2) Company Administrators for each CDX company

A company can be registered on our homepage: CDX Information Pages → CDX Login → Registration → Register your company.

If you have received an email invitation to register in CDX from your client, your client has already pre-registered your company – you don't need to register your company again. Please read the received email carefully and use the included link to activate the pre-registration.

The user can enter the company data and one Company Administrator at this time. All fields with a red * are required. When the form is submitted, the system will check to see if another company with the same name is already registered (meaning exact character string match). For those companies wanting to centralize their compliance operations, we have a “deny list” which rejects any submission that has the restricted character string.

Since CDX has a reporting module for Conflict Minerals and a CM smelter is a special kind of company, you get an additional Tab “Smelter Facility”, when you need to register your company as a smelter by selecting the checkbox “Is your company a CM smelter”. **Additional steps are required to activate your company if your company is a smelter.** Detailed information for the smelter facility administration can be found in the section [Administration > Company](#). By default, for common company registrations, the checkbox is unselected, and the “Smelter Facility” tab is invisible.

Note: In contrast to common company registration, the “Smelter Facility” tab is only available for smelter companies to input their facility data together with all information about the minerals created at this facility. A smelter can have more than one facility and each facility can produce more than one mineral. The “Company data” tab should be updated to include the Smelter Facility’s company headquarters information and the “Company Administrator” Tab is used for information about the Company **Administrator of smelter’s**

headquarters.

DXC strongly recommends that the person registering the company be the initial Company Administrator as the system will email the registration information, including a URL to the ID, to the Company Administrator. If the Company Administrator is not the one registering the company, they are likely to ignore or delete the message.

Note: Please make sure that the email address field is filled with the correct address because this is where the confirmation mail is sent. User IDs are assigned to individuals and not to companies. The only authorized user of the ID also has the email address associated with the ID. We strongly recommend that each person working in CDX have their own User ID.

After completing the fields and clicking “Next”, you will receive a window asking if you want to register the company in CDX.

CDX - Compliance Data Exchange

Important


Should the CDX Company and Company Administrator be created in CDX using the provided information ?

✓ Yes
✗ No

After accepting in this window, you receive a screen with your CDX Credentials: User, ID, Password, Company ID, Company name. Please copy your CDX credentials and store them in a safe place. **They will not be displayed again**, so make sure you copy them correctly.

CDX COMPLIANCE DATA EXCHANGE by DXC Technology

DXC TECHNOLOGY

Login

Language English

- User ID forgotten
- Request new password

Help

- CDX User Manual
- CDX Training
- Frequently Asked Questions
- Contact
- MFA step by step guide

Tutorials

- Register Your Company in CDX
- Accept Received MDS
- Create Material with Substances
- Send / Propose MDS
- CHD Manager - Getting Started
- CHD Search
- Import a CHD
- Submit a CHD

Information

Webinar Reco

EU Deforestation Regulation - From Compliance Challenge to Competitive Advantage

CDX Credentials

Please copy your new CDX User ID. Once it is activated, we ask you to reset your password, using the corresponding link on our landing page.

User ID gttett029

Password After registration, we will send you an email with subject "Update your account" to set your password.

Company ID 41848

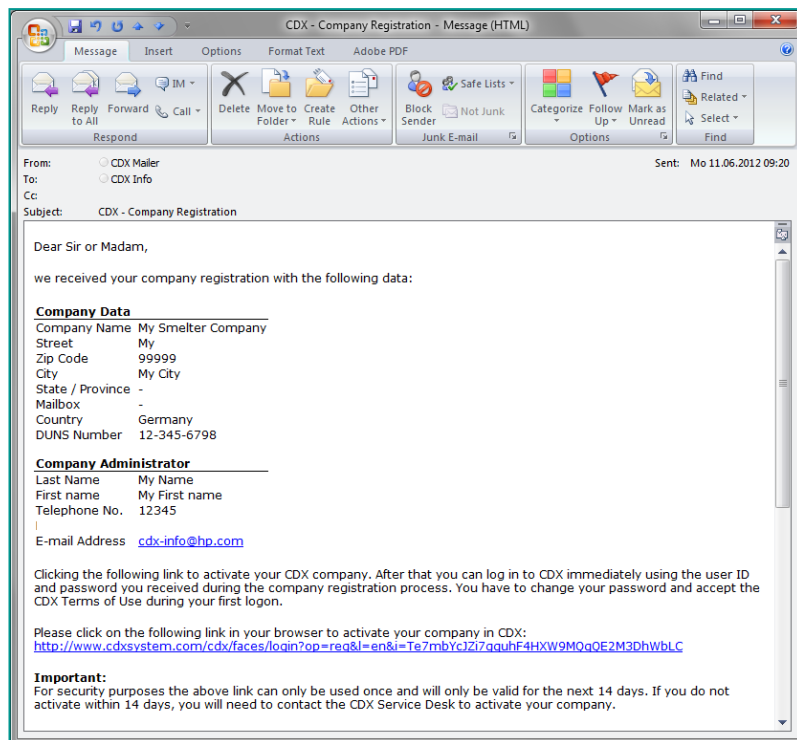
Company Name test123

☒ I confirm that I have noted my new CDX user ID, which I will need to log in after registration.
 ☐ I understand an email will arrive shortly with a link I need to use to activate my registration before I am able to login.
 ☐ I understand that after account activation, I will receive another email which I need to use to initiate setting my password and multi factor authentication credential (one time password).

Not following these steps, I will not be able to log in to CDX and will have to contact the Service Desk.

OK

After you confirm that you have copied the CDX credentials, you will receive an email containing a link to activate your new company in CDX. **You will need to use this URL to activate the company before you can log into CDX.** After that you can use your user ID and password to log in the CDX application. The following is an example of the email the Company Administrator will receive after registering a company. Please note that the email is sent from the CDX system and you may have to work with your IT department to ensure delivery to your inbox. Sometimes these are blocked at the firewall level and sometimes they are routed to the junk or spam folder. As this email is sent from a computer, it cannot respond to a request to click on a link and enter a set of characters to allow the email to go through.



Note: Some email applications will insert a carriage return instead of wrapping the URL. If your URL doesn't work, there will probably be a few random characters on the line below the URL. These are part of the key. Copy both lines into an application where you can remove the paragraph mark between the two lines to create a longer URL and click on it.

When you access this URL, you get the possibility of activating or cancelling the registration with CDX. If you elect to cancel, you will not be able to return to the URL and accept.

Note: You have 60 days' time to access the URL sent to you. If the URL has not been visited for 60 days, the URL is no longer accessible.

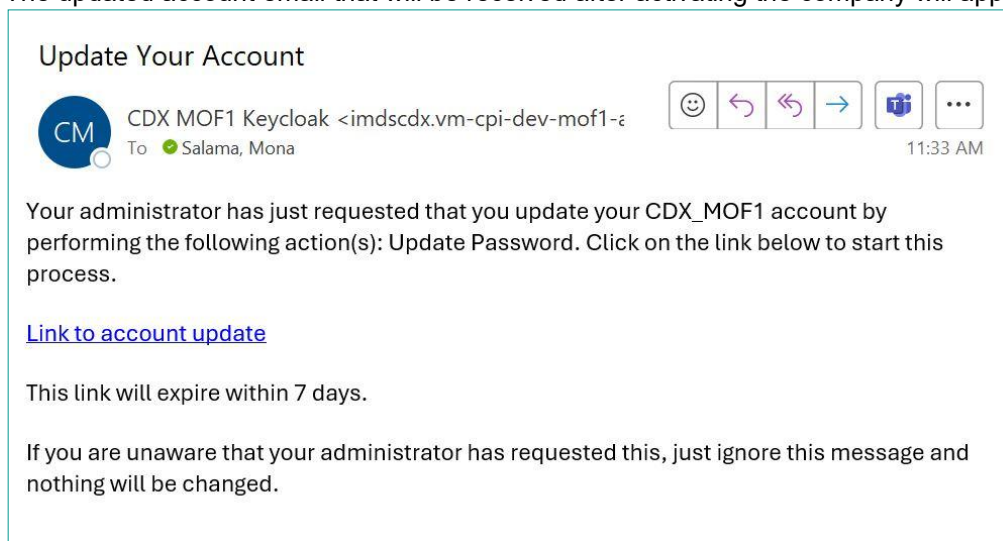
The following figure shows a typical Company Activation page.



By clicking “**Activate**” your CDX Company Registration is completed, and you will receive email to initiate your password using MFA. User have to click the link in received mail within 7 days and follow steps to complete set user password.



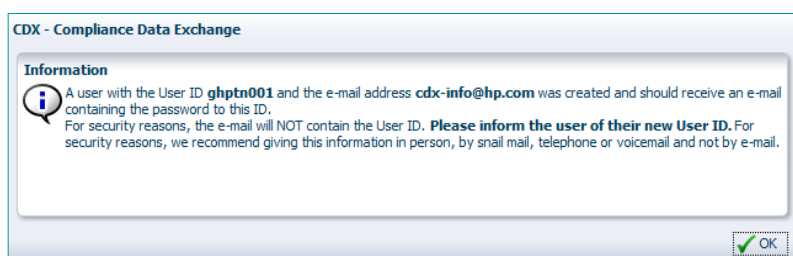
The updated account email that will be received after activating the company will appear as shown in the image below.



As a **Company Administrator** you are now **allowed to and are responsible for**:

- Creating users for (only) your own company
- Changing user information (e.g. “valid until” date) and profiles within your company
- Resetting passwords for your users
- Assigning contact persons for your company
- Deactivating users that have left the company
- Ensuring there is always a minimum of one Company Administrator available in your CDX company (including vacations and leaves of absence)
- Watching the license information, ordering renewals before the license period end and ensuring that the Purchase Order is created to pay for the order
- Accessing the MDS specific statistics for your CDX company

Every time a new user is created, you see a window with the User ID and the associated email address. A temporary password is generated and sent by email to the user. This email only contains the new password, not the User ID – so it is necessary that you inform the user about the CDX user ID.



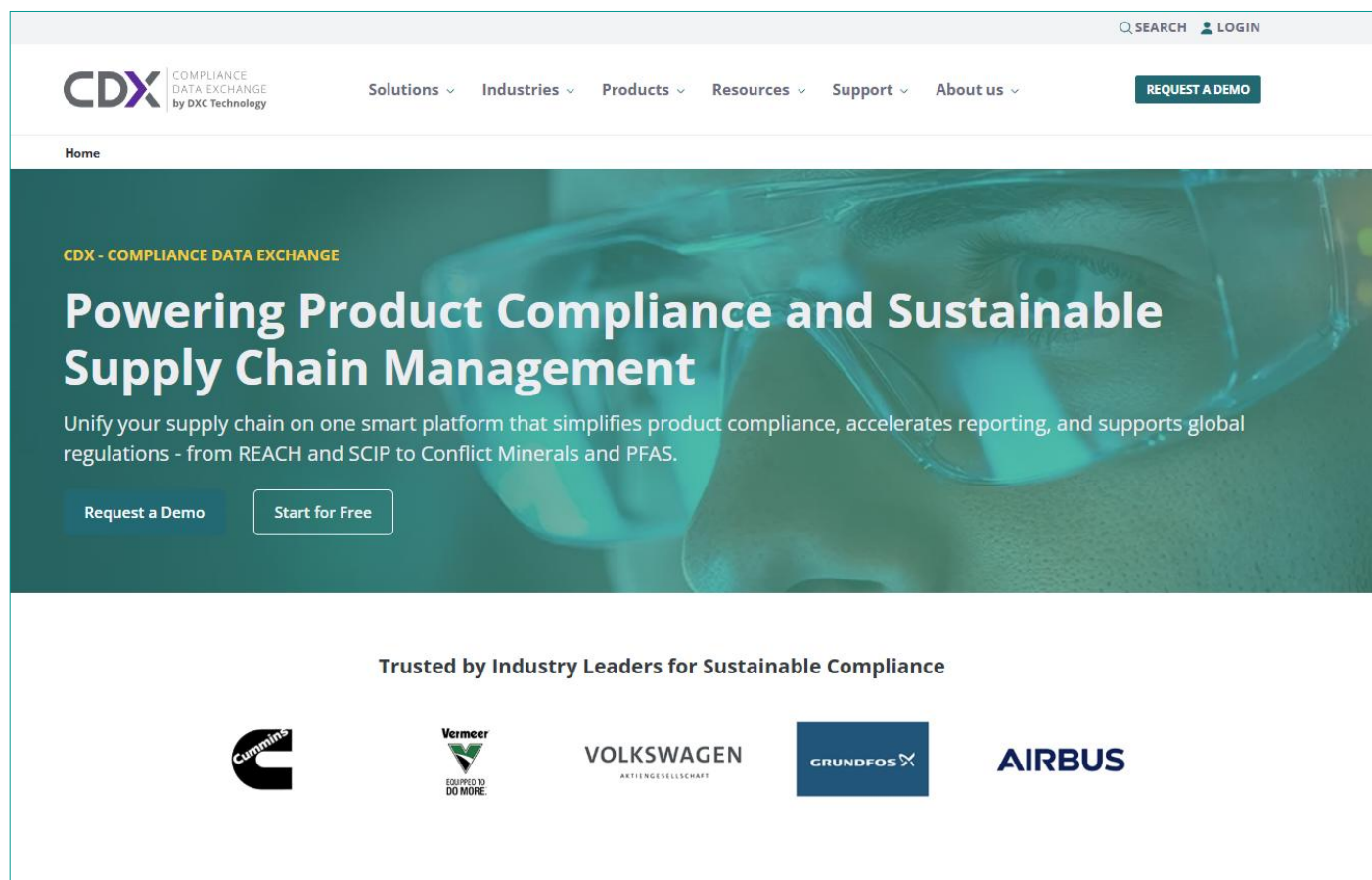
Each new user must read and accept the CDX Terms of Use at first login.

Note: Each user has the capability and responsibility to maintain their email and phone number. The Company Administrator can also maintain this data. For system security, each user should use their own ID. Password resets will only be communicated to the email on the ID.

System Access

The CDX system is accessed from the CDX Information web pages: www.cdssystem.com.

After navigating to the CDX Information Pages, you will find several tabs at the top of the page. Under **CDX System → Support**, you will find our Frequently Asked Questions (FAQs) which presents answers to common questions. The following picture presents the CDX homepage.



Login

Once on the CDX Information Pages, click the button “CDX Login” to access the CDX system.

The following figure depicts a typical view of the CDX login page.



Prior to logging in, you may select the language that the prompts appear at this point: German, English, Spanish, Portuguese, French, Russian, Japanese, Korean or Chinese. It should be noted that although the field prompts are presented in different languages, all field entries must be made in English as that is the agreed upon language of CDX. Extended characters such as Cyrillic or Chinese are not accepted for data fields. Additionally, CDX does not translate field entries from one language to another.

Multi-Factor Authentication (MFA)

Upon clicking the "Login" button, the system will redirect you to the Sign-in page.

At this point, you enter your User ID and password. The User ID is **not** the same as the Company ID. User IDs follow a pattern consisting of information from the company name and user assigned to the ID. Company IDs are all numeric while User IDs consist of a set of lower case letters followed by a set of numbers. User IDs and passwords are case sensitive (meaning SPRING is not the same as spring). To avoid lockouts, we suggest at first login that you copy (<CTRL><C>) and paste (<CTRL><V>) from the email. System generated passwords only contain lower case characters and numbers. They will not contain o, 0, l, or 1. User IDs usually contain 5 lower case letters followed by 3 numbers.

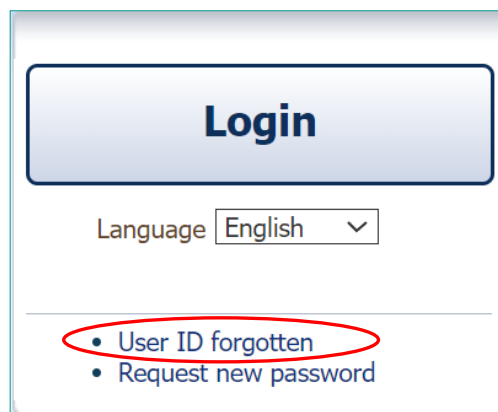
During your first login, you will be prompted to set up Multi-Factor Authentication (MFA). A detailed guide on how to proceed with this setup can be found at <https://public.cdssystem.com/en/web/cdx/step-by-step-guide-to-set-up-mfa>.

Once your "Mobile Authenticator" account has been successfully set up, for day-to-day logins, you will be required to use your mobile authentication app. This involves providing the current one-time code to complete the login process.

User ID Forgotten / Request new password

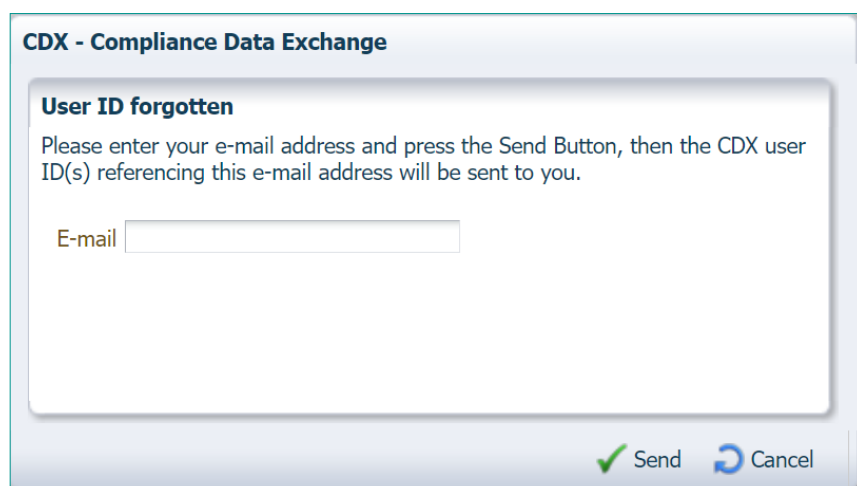
From time to time, you may forget the ID and/or password, especially if you do not enter the system frequently. CDX has built in functionality to assist users in retrieving their ID and resetting their password. However, the key to this lock is the email address associated with the ID in the system. It is imperative that you keep your email current in the system.

If you forget your ID, you can easily retrieve your User ID(s) in the CDX Application login screen by using the **User ID Forgotten** link as shown below.



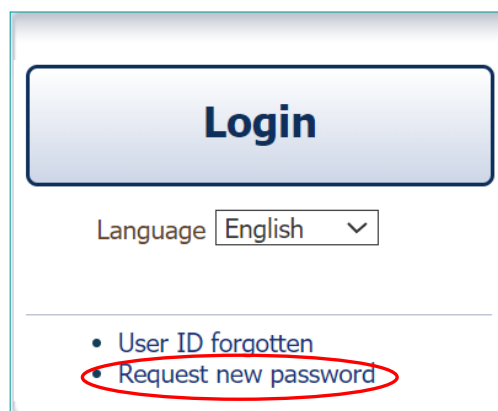
The image shows the CDX Application login screen. At the top is a large blue button labeled "Login". Below it is a language selection dropdown menu currently set to "English". At the bottom, there are two links: "User ID forgotten" and "Request new password". The "User ID forgotten" link is circled in red.

When using the link, you will be asked to enter your email address:



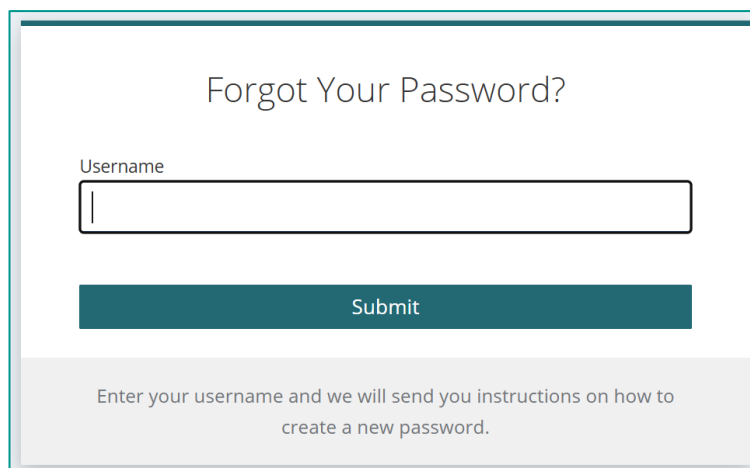
The image shows a window titled "CDX - Compliance Data Exchange". Inside, the heading is "User ID forgotten". Below the heading is a paragraph: "Please enter your e-mail address and press the Send Button, then the CDX user ID(s) referencing this e-mail address will be sent to you." Below this text is an "E-mail" input field. At the bottom right of the window are two buttons: "Send" with a green checkmark icon and "Cancel" with a blue circular arrow icon.

And the system will send you a list of all User IDs associated with your email address. Once you have the ID, you can then use the **Request new password** to reset the password.



This image is identical to the one above, showing the CDX Application login screen. However, in this version, the "Request new password" link at the bottom is circled in red, while the "User ID forgotten" link is not.

When you use the link, a window similar to the following will appear:



Forgot Your Password?

Username

Submit

Enter your username and we will send you instructions on how to create a new password.

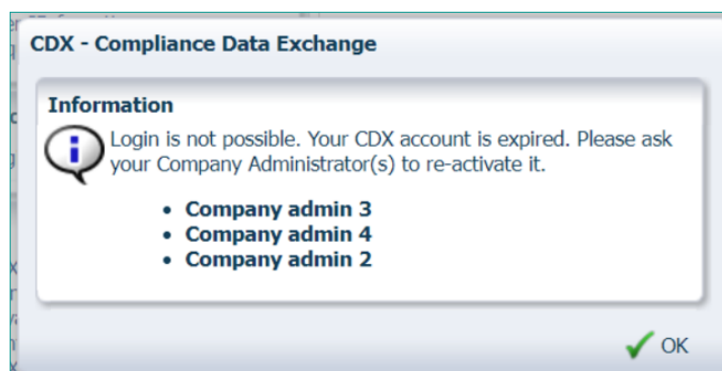
When you request a new password, the correct ID needs to be entered.

The system performs a check and, if it is allowed (e.g. the ID has not expired and you have had a successful login since the last password reset), a new password will be sent to the email address associated with the ID in the system. We strongly suggest that since the password will be a random string of characters, you copy/paste from the email into the password field. You will need to change the password at first login.

If you get an error message, then either the ID is incorrect, you do not have the correct email address for the ID, the ID is expired, or you have not had a successful login since the last password reset. This last check is to prevent you from constantly requesting a password reset when you cannot receive emails from the system. If you are having issues receiving email from the CDX server, then please work with your IT department and the **User ID Forgotten** link to trace why you cannot receive emails from the system. If you cannot receive emails from the CDX system, you cannot use the system.

Self-Service Password Reset

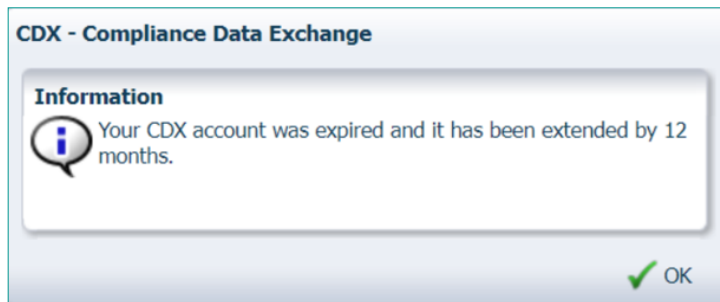
If your user account is expired but still active, you can proceed with the self-service password reset process to regain access to your account. Login to the CDX by entering your User ID and Password as usual. If your account has expired, a CDX System Information pop-up will appear. This pop-up will provide you with information will include the first name and last name of the three Company Administrators with the youngest login date.



In the situation, where there are no active non-expired Company Administrators in your company, and you are not a Company Administrator yourself, the dialog will prompt you to contact the service desk for further assistance. Reach out to CDX-ServiceDesk@dxccom for support.



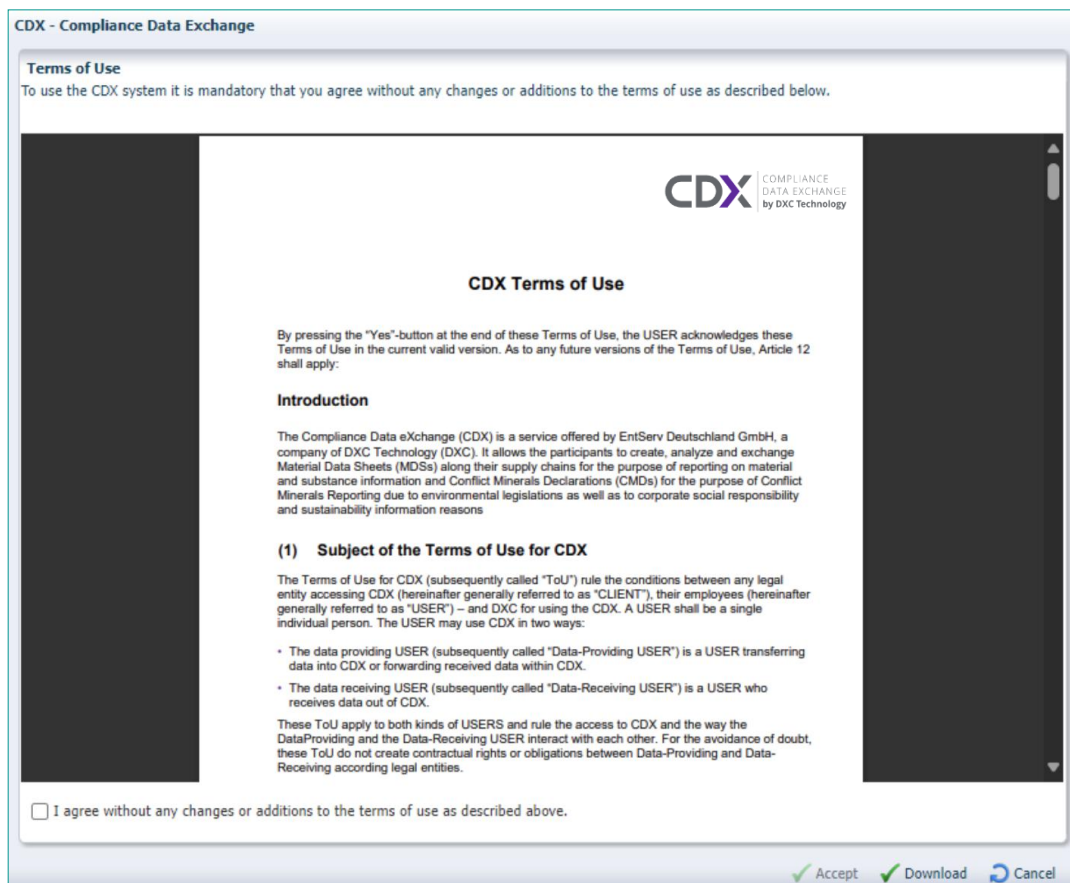
In the scenario where there are no active non-expired Company Administrators, but you are a Company Administrator yourself and your account is active but expired, your account will be automatically extended by 12 months. A message will inform you about this, but the password reset process will proceed normally.



Note: Self-service account extension applies only to active expired accounts. Deactivated accounts will not be granted access.

Accept the Terms of Use

At first login (using the temporary password received by email), a user must accept the Terms of Use and change the temporary password in order to proceed. The following figure shows the typical Terms of Use screen.



On the Terms of Use screen, users must carefully read and agree to the terms before proceeding. To do this, they must check the box stating, "I agree without any changes or additions to the terms of use as described above," and then click "Accept." In some browsers or at certain screen resolutions, it may be necessary to scroll horizontally to view the "Accept", "Download" "Cancel" buttons. Clicking "Cancel" will return users to the CDX start page, and they will not be able to access or use CDX.

CDX - Compliance Data Exchange

Terms of Use
To use the CDX system it is mandatory that you agree without any changes or additions to the terms of use as described below.

CDX COMPLIANCE DATA EXCHANGE
by DXC Technology

CDX Terms of Use

By pressing the "Yes"-button at the end of these Terms of Use, the USER acknowledges these Terms of Use in the current valid version. As to any future versions of the Terms of Use, Article 12 shall apply:

Introduction

The Compliance Data eXchange (CDX) is a service offered by EntServ Deutschland GmbH, a company of DXC Technology (DXC). It allows the participants to create, analyze and exchange Material Data Sheets (MDSs) along their supply chains for the purpose of reporting on material and substance information and Conflict Minerals Declarations (CMDs) for the purpose of Conflict Minerals Reporting due to environmental legislations as well as to corporate social responsibility and sustainability information reasons

(1) Subject of the Terms of Use for CDX

The Terms of Use for CDX (subsequently called "ToU") rule the conditions between any legal entity accessing CDX (hereinafter generally referred to as "CLIENT"), their employees (hereinafter generally referred to as "USER") – and DXC for using the CDX. A USER shall be a single individual person. The USER may use CDX in two ways:

- The data providing USER (subsequently called "Data-Providing USER") is a USER transferring data into CDX or forwarding received data within CDX.
- The data receiving USER (subsequently called "Data-Receiving USER") is a USER who receives data out of CDX.

These ToU apply to both kinds of USERS and rule the access to CDX and the way the DataProviding and the Data-Receiving USER interact with each other. For the avoidance of doubt, these ToU do not create contractual rights or obligations between Data-Providing and Data-Receiving according legal entities.

☒ I agree without any changes or additions to the terms of use as described above.

☒ Accept ☒ Download

After accepting the Terms of Use, users will be prompted to change their temporary password.

Change Temporary Password

As a next step you will have to change your initial password. You may also change it through the **Administration > Change Password** option. For security reasons, you will need to change your password at least every 90 days or after a system password reset (either through the "Request new password" from the CDX login screen or by the CDX Service Desk).

CDX - Compliance Data Exchange

Password Change
For security reasons your password has to be changed after your first logon, after your company administrator has reset your password.
A valid password has to be at least 14 characters. It must at least contain 1 digits, 1 lower letters, 1 upper letters, 1 special characters and the password length should be with maximum 64.

Old password

New Password

Retype password

☒ OK

When changing the password, you will have to enter the old password and create a new password.

CDX passwords must meet the following password policy system requirements:

- Password length - a minimum of 14 characters
- Password complexity - a minimum of 1 uppercase character, 1 lowercase character, 1 numeric, and 1 special character

Passwords are case sensitive and are limited to ISO 8859-1 characters.

Review and Acknowledge Notifications

If there are notifications, they will be displayed immediately after login and you can decide to either mark them as read or to be displayed again at next login. The notification screen may not appear if you had to change your password (will appear with the next login). You cannot ignore this screen. You **MUST** acknowledge that you have read the message in order to proceed. The following figure depicts typical notifications.

CDX - Compliance Data Exchange

Notification

Important information might be available for you. Please carefully read all news items below. They will popup every time you log on until you confirm that you have read each news entry.

12/09/2011	Rare Earth A new basic substance group was added: Rare Earth Elements and their Compounds.	☒ Show this announcement again ☐ I have read this announcement
05/24/2012	Administrator company	☒ Show this announcement again ☐ I have read this announcement

✓ OK

In case not yet browsed MDSs exists in the Inbox, an additional notification item will be displayed separately in the notification-dialog, similar to:

10/05/20... **Exist receiving MDSs which are not yet browsed**
Amount : 1

☒ Show this announcement again
☐ I have read this announcement

Once you click <OK>, you get to the CDX main screen. The following figure presents the primary view of CDX.

MDS Search | Ingredients | Supplier data | Recipient data | Analysis | MDS Request

Name, ID | Identifier | Date | SCIP

Name, Number, ID

Name:
 Number:
 MDS ID: current
 Node ID:
 Attachment Type:

Supplier MDSs

☒ none ☐ accepted MDSs ☐ Standard MDSs ☐ MDSs provided by c

Supplier: Company / Org:
 No supplier to display

Own MDSs

☒ own MDSs
☐ last edited by me
☐ imported ...

Assigned Org Unit:
 Assigned Contact:

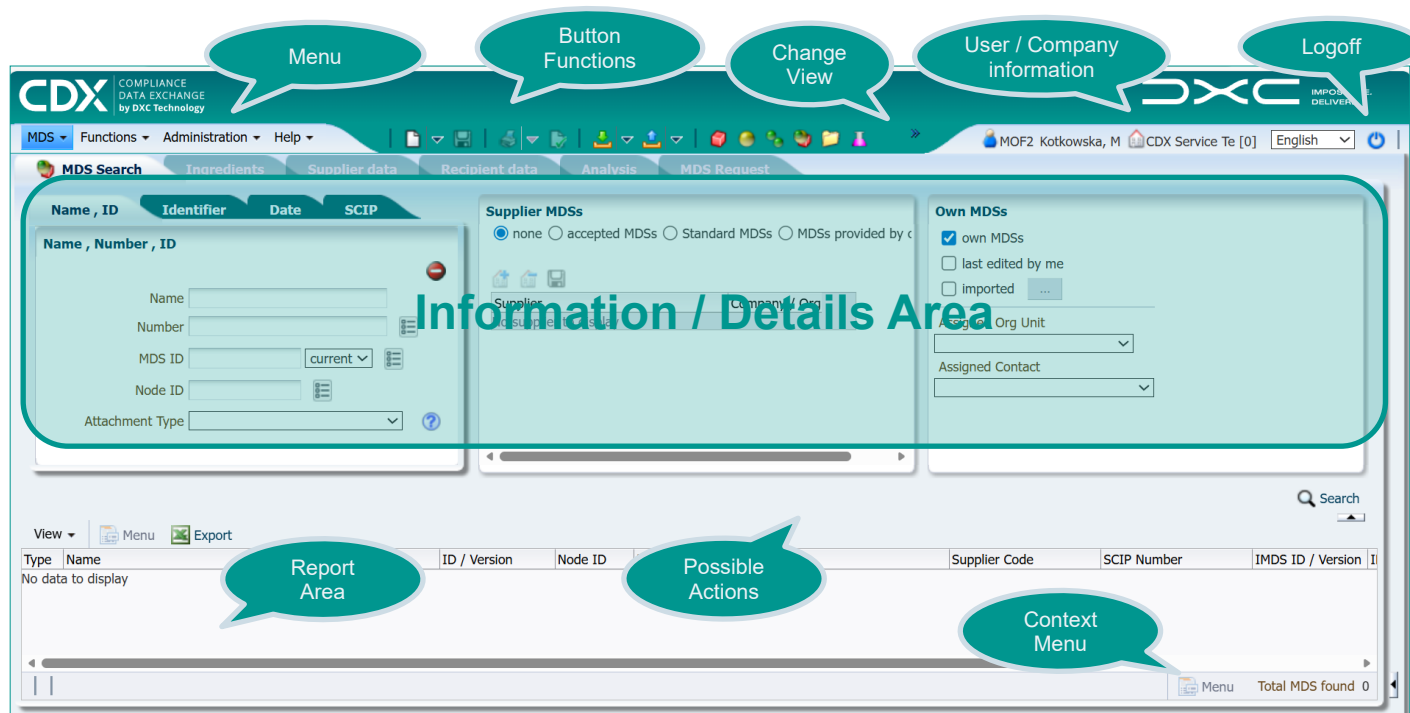
View | Menu | Export

Type	Name	Number	ID / Version	Node ID	Node Count	Supplier	Supplier Code	SCIP Number	IMDS ID / Version
No data to display									

Search

NAVIGATING CDX

Once you enter CDX, you see a window that consists of several parts. The following figure illustrates the various parts.



User Information Area / Log off

In this area of the screen the user's name and the company name and CDX ID are displayed. For signing out, a Log off button is available in the upper right corner (🔌). There is also a "status indicator" next to it (🔄).

Change View

With CDX you can manage Material Data Information (MDS) as well as Responsible Materials Information (RMD). To simplify the look and feel of CDX and provide more logical access to CMD and MDS functionality, you can change the menu view according to your personal needs. If you work only with CMD, you should setup the "[CMD View](#)". If your focus is more on MDSs, please use the "MDS View". You can change the view in the [Administration Menu](#) or with the Settings button (⚙️) in the Toolbar; the "MDS View" is preset as default view.

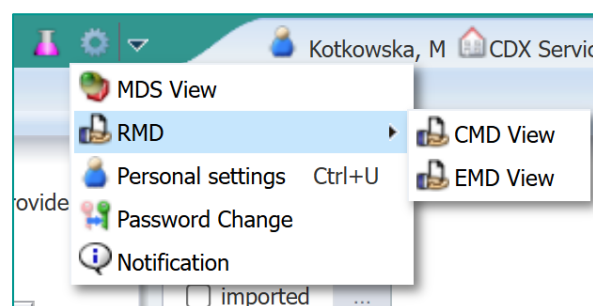
Main Menu and Buttons

The Main Menu and Buttons present all options to which your user profile currently has access. This menu is interactive, which means the cursor highlights the chosen menu options. Upon clicking an option, the results will be displayed in the working area. Menu items which are not available at a point are displayed in faded colour.

Depending on the chosen view (MDS, RMD), the menu items differ.

Regardless of which view is chosen, all menu items from the non-active view are always available through the "More ..." button.

The following section describes each of the menu items in the MDS View. The available menu items in the CMD and EMD Views are described in the [RMD section](#).

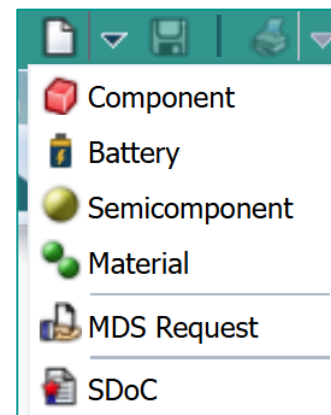


MDS Menu / Toolbar Buttons

These functions are available under the MDS menu item in the “MDS View”:

New

You can either use the **MDS > New** menu item or the  button in the toolbar. The button will allow a menu to appear which has the same actions as the **MDS > New** option in the menu.



Menu Item	Description	
Component	Create and opens a new Component MDS.	
Battery	Creates and opens a new Battery MDS.	
Semicomponent	Creates and opens a new Semicomponent MDS.	
Material	Creates and opens a new Material MDS.	
MDS Request	Creates and opens a new MDS request.	
SDoC	Creates and opens a new SDoC report.	

Save

Save can either be accessed from the **MDS > Save** menu item or by using the  button in the toolbar. This button will not appear unless the page you are working on can be saved. This function saves the currently open data. Use this function for saving items such as MDSs, requests, organization units, users, and SDoCs.

Save As

The following table describes the function of each item under **Save As**:

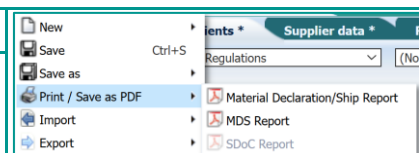
Menu Item	Description	
New Version	Only available when editing an MDS. Saves a changed MDS to a new version for the same MDS ID. The previously opened MDS is not modified. You cannot create a New Version of an MDS that was not created by your CDX company.	
New MDS	Only available when editing an MDS. Saves a changed MDS to a new MDS ID. The previously opened MDS is not modified.	

Print / Save as PDF

You can either use **MDS > Print / Save as PDF** or the  button on the toolbar to access this function. If you use this button, a menu will appear that is the same as the menu under the **MDS > Print / Save as PDF** option.

This menu item allows you to print different types of reports from the data of the MDS being viewed as shown in the following table:

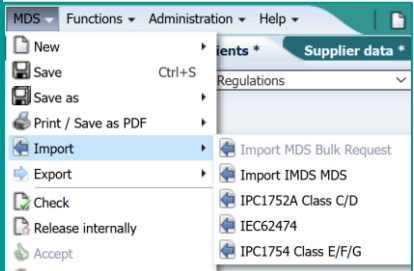
Menu Item	Description	
Material Declaration	Only available when viewing or editing an MDS or when viewing or editing an SDoC if the SDoC is owned by the user. Creates an Material Declaration for the MDS. The Material Declaration identifies whether specific Materials (prohibited or restricted) and specific chemical substances contained within the MDS are in accordance with the convention and guidelines defined by the ship-building industry.	



MDS Report	Only available when viewing or editing an MDS. Creates an MDS Report for the MDS. The MDS Report lists the Basic Substances of Assemblies and Materials contained within the MDS.	
SDoC	Only available when viewing or editing an SDoC. Creates an SDoC Report for all MDSs and its related MDs specified by the SDoC. The SDoC Report identifies who is responsible for the specified MDSs and its related MD, assures that they conform to the law and is suitable for the management and control of the information on chemical substances contained. SDoC Report is defined by the International Maritime Organization (IMO) for ship recycling.	

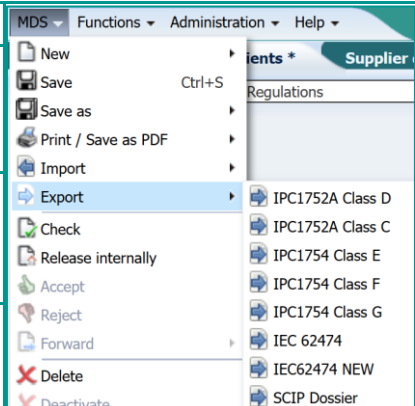
Import

The following table describes the function of each item under **Import**:

Menu Item	Description	
Import MDS Bulk Request	Only available when you are working on “MDS Requests” – either creating a new one or when you are in the MDS Request Outbox. You can import a filled MS Excel template into CDX to bulk send MDS requests to multiple suppliers simultaneously.	
Import IMDS MDS	This function imports existing MDSs from IMDS as own editable MDSs into CDX.	
IPC1752A Class C/D	This function imports an IPC1752A Class C or D declaration file as an own editable MDS into CDX. One imported declaration may result in more than one MDS, depending on how many products it has recorded.	
IEC62474	This function imports an IEC62474 declaration file as an own editable MDS into CDX.	
IPC1754 Class E/F/G	This function imports an IPC1754 Class E, F or G declaration file as an own editable MDS into CDX.	

Export

The following table describes the function of each item under **Export**:

Menu Item	Description		
IPC1752A Class D	Only available when viewing or editing an MDS and with a valid MDS License. It exports an MDS to an IPC1752A Class D or Class C declaration. The exported data will be saved as an XML file.		
IPC1752A Class C			
IPC1754 Class E	Only available when viewing or editing an MDS and with a valid MDS License. It exports an MDS to an IPC1754 Class E, F or G declaration. The exported data will be saved as an XML file.		
IPC1754 Class F			
IPC1754 Class G			
IEC62474 IEC62474 NEW	Only available when viewing or editing an MDS and with a valid MDS License. It exports an MDS to an IEC62474 (ed.1) or an IEC62474 NEW (ed. 2) declaration. The exported data will be saved as an XML file.		
SCIP Dossier	Only available when viewing or editing an MDS and with a valid MDS License (minimum "Entry Level"). It exports an MDS to a SCIP Dossier.		

Check

This function is only available when viewing or editing an MDS. It performs a check on the MDS and reports all found issues. The Check function may also be initiated by using the  button in the toolbar.

Release internally

This is only available when editing an MDS. It releases the MDS internally, so it can be used in other MDSs (referenced) created by your own company.

Accept

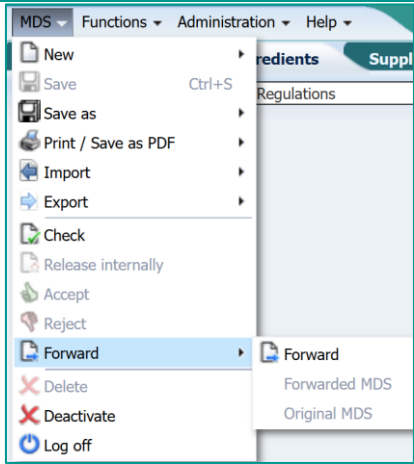
This function is only available when viewing a received MDS that has not yet been accepted, rejected or cancelled. Brings the Accept/Reject buttons into view so the MDS can be accepted.

Reject

This function is only available when viewing a received MDS that has not yet been accepted, rejected or cancelled. Brings the Accept/Reject buttons into view so the MDS can be rejected.

Forward

The following table describes the options available under **Forward**:

Menu Item	Description	
Forward	Only available when viewing an accepted MDS for which the sender has permitted forwarding. Creates a forwarding copy of the MDS that can be sent to other recipients but cannot be modified in the ingredients tree. This function can be used only one time per accepted MDS.	
Forwarded MDS	Only available when viewing an accepted MDS that has already been forwarded. Opens the forwarding copy of the MDS.	
Original MDS	Only available when viewing a forwarding copy of an accepted MDS. Opens the original accepted MDS.	

Delete

This function deletes the currently viewed data. This might be an MDS, an MDS Request or an organization unit (*only available for Company Administrators*). This option is only available for MDSs not yet internally released or sent and not available for received MDSs. Additionally, you cannot delete any data that does not belong to your company.

Deactivate

This function is only available when viewing a received and accepted MDS. With this function you can deactivate (make obsolete) received MDSs, so that this can not be further used for references. Deactivated MDSs can no longer be found when searching for reference, and they will raise warnings / errors when referenced in not yet released MDSs. Within the scope of released MDSs they remain valid data. If a recipient deactivates, the MDS will remain active for the manufacturer and all other recipients. The MDS recipient can only search for deactivated MDSs in the Inbox, where they are flagged as "deactivated by recipient".

Log Off

This function logs you off CDX and opens the log in / news page. You may also Log Off by using the  button on the upper right of the window.

Functions Menu / Buttons

The Functions menu gives you a list of MDS relevant functions that can be used in CDX (RMD relevant functions are described in the [RMD section](#)). Most of them also have a button on the toolbar. These functions are detailed in the following table:

Menu Item	Description	Toolbar Button	
Component Search	Opens the search screen for Component MDSs (own, accepted and published).		

Battery Search	Opens the search screen for Battery MDSs (own, accepted and published)	
Semicomponent Search	Opens the search screen for Semicomponent MDSs (own, accepted and published).	
Material Search	Opens the search screen for Material MDSs (own, accepted and published).	
MDS Search	Opens the search screen for all MDSs (own, accepted and published).	
SDoC Search	Opens the search screen for SDoCs.	
Inbox	Opens the search screen for received MDSs, MDS Requests	
Outbox	Opens the search screen for sent MDSs, MDS Requests, and	
Where-Used Analysis	Opens the analysis screen allowing to find MDSs with specific contents.	
Basic Substances including		
Basic Substance Search	Opens the search screen for Basic Substances.	
Basic Substance Request	Opens the basic substance request screen to submit a request to add a so far not existing Basic Substance.	
Search Basic Substance Changes	Opens the search screen for changes in basic substances.	
Search Substance Group / Regulation Changes	Opens the screen to search for changes in basic substance groups or regulations.	
Regulation Basic Substance Overview	Opens a separate independent window, where all common and company specific regulations can be looked up for their detail information.	
MDS Updates	Opens the screen for updating MDSs.	
MDS QCM	Opens the MDS Queue and Collection Manager (QCM).	
Clipboard	Opens the Clipboard.	

Functions

Administration

Help



Component Search

Ctrl+1



Battery Search

Ctrl+5



Semicomponent Search

Ctrl+2



Material Search

Ctrl+3



MDS Search

Ctrl+4



SDoC Search



Inbox



Outbox



Where-Used Analysis



Basic Substances



MDS updates



QCM

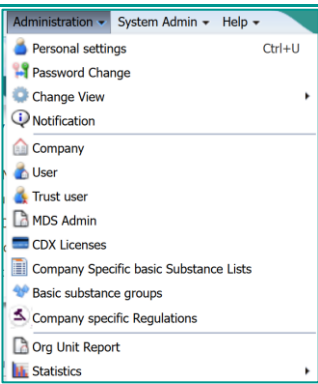
Ctrl+E



Clipboard

Administration Menu

The Administration Menu contains options that are associated with Company Administration. Depending on the User Profile, not all options may be available. The following table explains what options are available this menu.

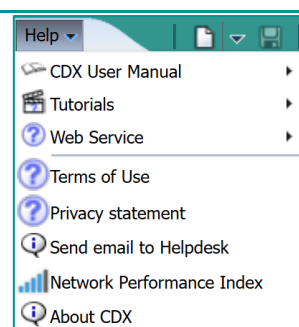
Menu Item	Description	
Personal Settings	Shows all data of the user such as email address and phone number and allows him to change his personal information.	
Password Change	Allows users to change their password.	
Reset MFA	Allows users to reset their Multi-Factor Authentication (MFA) one-time password (TOTP) in case they need to set up access on a different device or for any other personal reason. It also allows the Company Admin to reset the MFA one-time password (TOTP) for any user within the company.	
Change View	Allows users to change the view (MDS or CMD/EMD view).	
Notification	Shows all currently visible and not yet confirmed notifications.	
Company	Only available to Company Administrators. Opens the search screen for organization units of the user's company.	
User	Only available for Company Administrators. Opens the search screen for users within the user's company.	
Trust User	Only available for Company Administrators. Opens the search	

	screen for trusted and distrusted users in other companies. Allows the Company Administrator to trust or distrust them.	
MDS Admin	Only available for Company Administrators. Opens the MDS Administration screen allowing the Company Administrator to move multiple MDSs from one organization unit to another.	
CMD Admin	Only available for Company Administrators. Opens the CMD Administration screen, allowing the Company Administrator to move multiple CMDs from one organization unit to another.	
CDX Licenses	Only available to Company Administrators. Shows the current account balance of the user's company. Company Administrators can place an order for CDX Material Data Sheet Licenses or CMD Manager Licenses. Extended Materials Declaration (EMD) can be optionally licensed as an add-on functionality to Conflict Minerals Declaration.	
Company Specific Basic Substance Lists	Only available with a valid MDS License. Opens the screen to search for company specific Basic Substance lists for your company. Company Administrators can also create new or edit existing lists.	
Company Specific Regulations	Only available to Company Administrators and with a valid MDS License. Opens the screen to manage company specific regulations (view, create, delete).	
CMD Quality Profile Manager	Only available to Company Administrators. Opens the screen to search for and create new profiles for your Quality Reporting.	
Deficiency Report Manager	Only available to Company Administrators. Opens the screen to create the Deficiency Report standard template.	
Org Unit Report	Only available to Company Administrators. Shows all Org Units of the own company without having users assigned.	
Statistics	Only available to Company Administrators. Shows MDS and CMD specific statistical data for your company.	

Help Menu

The Help Menu items are described in the following table:

Menu Item	Description	
CDX User Manual	Includes the User Manual (pdf file) in all available languages.	
Video Tutorial	Includes videos on several CDX functions.	
Web Service	Includes the Web Service Manuals and a zip file with all available and supported schemas for the Web Service (xsd files).	
Terms of Use	Opens the CDX Terms of Use (pdf file) in a new window.	
Privacy Statement	Opens the Privacy Statement of DXC (pdf file) in a new window	
Send email to Helpdesk	Opens a separate independent window, where the user can contact the CDX Helpdesk through the CDX application. Please describe your issue; you may also attach a screenshot.	
Network Performance Index	Can be used to measure CDX performance in relation to the own network / PC.	
About CDX	Shows information about the current version of CDX.	



Information / Details

The Details area is where input is inserted or is shown.

Action Area

In this area the buttons Search, Cancel, Create etc. are located. Clicking on the buttons in this area produces result lists below this area or lists details of an MDS Request, MDS, CDX User etc.

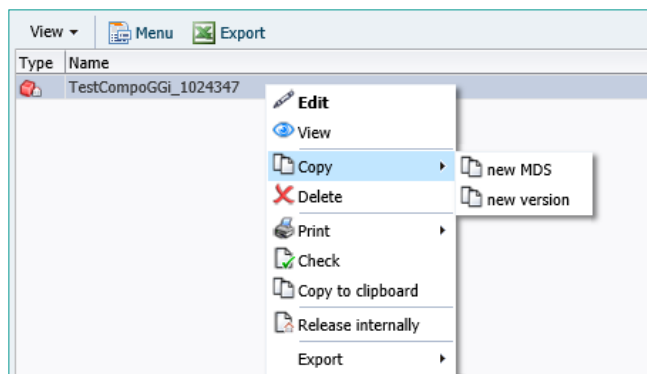
Shortcuts from the Search Results Windows

In addition to all of the above-mentioned buttons and menu items, if you highlight an MDS in a Search Results screen and right-click, you will have available shortcuts to frequently used functions such as the menu besides generated from a Component search.

Alternatively, you can click on **Menu** to open the context menu.

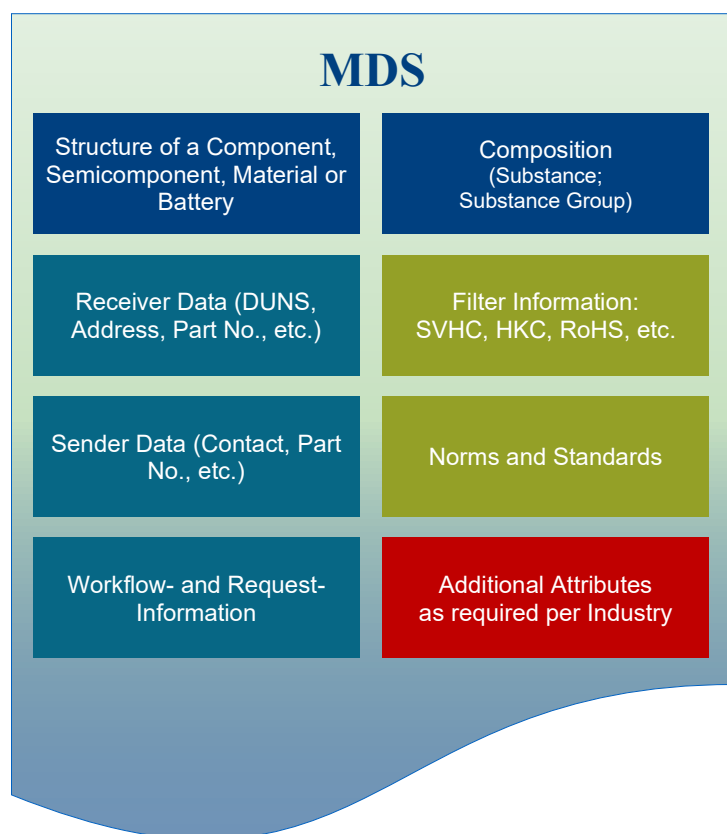
CREATE AN MDS

One of the first things you need to do is to create a Material Data Sheet (MDS). Even if you are going to attach (reference) existing data to your structure, you still need to create the structure that you will send to your customer, or use to generate a report.



What is an MDS?

An MDS can be thought of as a container that has many parts, as shown in the following figure:



Each of these areas will be discussed in the following sections.

New MDS

In the “MDS View” you can either use the MDS Menu > New or the  button in the toolbar to get started. However, first you need to know whether you want to create a Component, Semicomponent, Material or Battery as you cannot change from one to another later on.

MDS Types

The following table describes the differences between a Component, Semicomponent, Material and Battery:

MDS Type	Description	Can be attached to	Can have child nodes	Has weight field
Component 	Used to represent an assembly Component that has a defined weight and is used in whole number quantities. Examples would be an engine block, a seat, etc. The weight of a Component MDS is defined at creation and cannot be reduced in the structure.	Batteries, Components	Component, Semicomponent, Material, Basic Substance, Process, Battery	Yes
Battery 	Battery is a sub-type of Component and has all the qualities that a Component holds plus Battery specific fields and regulations.	Component	Component, Semicomponent, Material, Basic Substance, Process	Yes
Semicomponent 	Similar to a Material, it represents a structure that will require further processing before it is assembled and given a final weight. Examples are a steel blank or a coated wire. Usage is by length, by volume, or by area.	Batteries, Semicomponents, Components	Semicomponent, Material, Basic Substance, Process	Yes
Material 	Represents a homogeneous structure – meaning if you took a vertical slice through the product, you would not see layers (exception being electric/electronic components).	Batteries, Materials, Semicomponents, Components	Material, Basic Substance	Yes

To make the MDS handling easier for you we added the following symbols to the mentioned Material, Semicomponent and Component icons, which are visible in the tree structure as well as in the search results:



The house symbolizes its own MDS (Component, Battery, Semicomponent, Material)



The globe symbolizes published MDS (Component, Battery, Semicomponent, Material)



The envelope symbolizes received MDS (Component, Battery, Semicomponent, Material)

Basic Substance List

The other structure in CDX is the Basic Substance represented by . The Basic Substance List is a validated list of substances that is controlled by an outside company. It is not in the Public Domain but we use it as part of the CDX system. Under 100% Disclosure, every path from the top of the tree structure must terminate in a Basic Substance.

A Basic Substance can be either a chemical element (example: iron, copper) or a compound (example: acrylic resin, zinc oxide). Basic Substances are defined by either a specific Chemical Abstract Number (CAS#) or generically by function. Generally, they fit in three distinct categories:

- **CAS-numbered Basic Substance** – This is a Basic Substance with a CAS# assigned to it, meaning it is a clearly defined Substance, example: Iron (CAS# 7439-89-6).
- **Pseudo-Substance** – A pseudo-substance gives an accurate description of the substance or the substance group but does not have a CAS# assigned to it, example: "Acrylic resin". It is important to point out that these substances are accepted as real substances and are not considered as wild cards.
- **Joker or Wild card** – These substances do not define a specific substance. There is only a very limited amount of wild cards available and all have "system" in the CAS# field. An example is "Miscellaneous." It is not allowed to use a Joker or Wild card in place of a substance that is declarable or prohibited.

Substance in Process

In order to effectively manage and differentiate substances used in the manufacturing process, ensuring clarity and focus on the final product, starting from CDX release 8.1, the application now supports the management of substances used during the manufacturing process of a product. These substances called within the industries as "Substance in Process" are organized in "Process" nodes in CDX which are represented by . Processes do not have assigned weights and are not included in the overall calculated weight of the product.

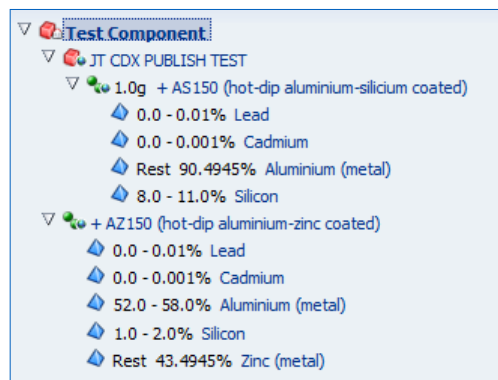
When it comes to modeling within CDX, liquid mixtures used during the manufacturing process are referred to as

"Mixture" objects and are represented by . "Mixtures" themselves must contain substances to describe their composition. Mixtures can be organized as child nodes under Process objects. This modeling capability allows for better organization and representation of the manufacturing process within the CDX application.

It's important to note that Substances in Process should not be confused with "Process Chemicals". Process Chemicals are remnants of substances that remain on the product as a result of the manufacturing process and are considered part of the product tree.

Tree structure

Another fact about an MDS is that the Ingredients page has a tree structure which includes a parent-child relationship. The following figure presents a tree structure.



In it, the **Test Component** is the parent of **JT CDX PUBLISH TEST** and **+AZ150 (hot-dip aluminium-zinc coated)**. Looking at it in reverse, **JT CDX PUBLISH TEST** and **+AZ150 (hot-dip aluminium-zinc coated)** are child nodes of **Test Component**. Additionally JT CDX PUBLISH TEST is the parent node of +AS150 (hot-dip aluminium-silicium coated). It will be important to correct errors, so you need to have the top of the tree in edit mode and you can usually only impact the child nodes.

In CDX, users have the flexibility to exclude "Substance in Process" (referred to as "Process") from Tree Search. This useful feature allows users to focus exclusively on the product, even if there are Substance in Process declarations in the datasheet. By excluding Substance in Process, you can streamline your search and analysis to concentrate on the specific product information you need. To exclude "Substance in Process" (Process), simply click on the magnifier icon



and select the checkbox labeled "Exclude Process Structure." This will ensure that the search and analysis results exclude the Substance in Process information, providing a more targeted outcome for your needs.

The screenshot displays the CDX MDS Search application. The top navigation bar includes tabs for MDS Search, Ingredients, Supplier data, Recipient data, Analysis, and MDS Request. The 'MDS Search' tab is active, showing a search filter set to 'Common Regulations' and '(No Filter)'. The search results are displayed in a tree view under the heading '#MS demoConfidentiality'. The tree is expanded to show the following structure:

- 13.0g Material_12226422
 - 3.0 - 4.0% (((2-Ethylhexyl)oxy)methyl)oxirane
 - 12.0 - 14.0% (+-)-N-(2,6-Dioxo-3-piperidyl)phthalimide
 - 20.0% Flame Retardant, not to declare
 - 3.0 - 4.0% Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)
 - Rest 60.0% Water
- Component_67940877
 - SemiComponent_67941358
 - Material_67941756
 - 18GA Primary Wire SXL WT-4.25g/ft
 - 47.32% Cu-ETP1
 - 52.68% EVM
- 000.0012.08 LACKGEW.-SCHLAUCH ROT
- Process_178978330
 - Lead
 - Iron

The right-hand pane shows the 'Details' section with 'Expand all' and 'Collapse all' buttons. The 'Common Information' tab is selected, showing 'Type: Basic Substance'. The 'CDX - Compliance Data Exchange' section is active, displaying a 'Tree search' dialog. The 'Type' is set to 'Name' and the 'Value' is 'Iron'. The 'Collapse tree and expand only nodes for current match' checkbox is checked. The 'Search' button is highlighted.

In addition, users have the option to conduct searches throughout the entire tree or specifically within the product section of the tree as shown in example below:

- To search the entire tree for a term like "Iron" and find occurrences of "Iron" within the Process, use the search function as usual.

The screenshot displays the CDX MDS Search application. The top navigation bar includes tabs for MDS Search, Ingredients, Supplier data, Recipient data, Analysis, and MDS Request. The 'MDS Search' tab is active, showing a search filter set to 'Common Regulations' and '(No Filter)'. The search results are displayed in a tree view under the heading '#MS demoConfidentiality'. The tree is expanded to show the following structure:

- 13.0g Material_12226422
 - 3.0 - 4.0% (((2-Ethylhexyl)oxy)methyl)oxirane
 - 12.0 - 14.0% (+-)-N-(2,6-Dioxo-3-piperidyl)phthalimide
 - 20.0% Flame Retardant, not to declare
 - 3.0 - 4.0% Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)
 - Rest 60.0% Water
- Component_67940877
 - SemiComponent_67941358
 - Material_67941756
 - 18GA Primary Wire SXL WT-4.25g/ft
 - 47.32% Cu-ETP1
 - 52.68% EVM
- 000.0012.08 LACKGEW.-SCHLAUCH ROT
- Process_178978330
 - Lead
 - Iron

The right-hand pane shows the 'Details' section with 'Expand all' and 'Collapse all' buttons. The 'Common Information' tab is selected, showing 'Type: Basic Substance'. The 'CDX - Compliance Data Exchange' section is active, displaying a 'Tree search' dialog. The 'Type' is set to 'Name' and the 'Value' is 'Iron'. The 'Collapse tree and expand only nodes for current match' checkbox is checked. The 'Find next' button is highlighted.

- If you want to find the next instance of "Iron" specifically within the Product (Material) section, select the "Find next" option.

The screenshot shows the CDX MDS Search interface. The 'Ingredients' tab is active, displaying a hierarchical tree of components. The 'CDX - Compliance Data Exchange' section is open, showing a search for 'Iron'. The search results show 'Iron' with a concentration of 0.0 - 0.001%.

- Alternatively, if you enable a new switch, you can search the whole tree for "Iron" while skipping any instances of "Iron" within the Process.

This screenshot is similar to the previous one, but the 'Exclude Process Structure' checkbox is checked in the 'Tree search' section. This allows the user to search the entire tree for 'Iron' while skipping any instances of 'Iron' within the Process.

This flexibility allows user to customize searches based on your requirements, whether user want to search the entire tree or focus solely on the product section.

Declaration Scope

You can decide (preferably according to prior agreement with your client) about the levels of your declaration. CDX supports the following:

Full Declaration means that the complete ingredients information is provided, including all weights and percent information of the tree nodes. The weight of all parts sum up to the weight of the product. The percent values add up to 100%. MDSs can be marked as full declaration (100% declaration checkbox) and the check routine will report errors if weights or percent values are missing.

Partial Declaration is an incomplete full declaration. Only some of the ingredient information is provided and the sum of the weights do not result in the complete weight of the part.

One Level Declaration is the minimum for a partial declaration. With this declaration, an MDS can be sent to

customers, which does not contain any ingredient information (tree is empty/only one node). In such an empty MDS, the necessary information should be provided as an attachment.

When creating a One Level Declaration, the system enforces any configured Attachment Check Rules. If a rule requires specific document types (e.g., Certificate of Compliance), the Check Result will display an error listing the missing types until they are uploaded and correctly classified.

As long as an MDS is editable, the ingredients tree can be filled with nodes or references and the MDS will become a partial declaration and can also be extended up to a full declaration.

For a new MDS, the default is partial declaration. Depending on the declaration type and the recipient company, different checks will be executed. Some companies may require specific information for e.g., one level declaration. You can find company specific requirements and system extensions in chapter “Company specific enhancements”.

Let’s get started. The two most created MDS types are Material and Component. Let us start with a New Material.

Create a Material

A Material is the lowest level of MDS a user can create. But since the CDX system is a material reporting system, your customer needs to know more than the name of the Material, they also need to know what is in the Material. Different industries have different requirements, so these instructions are for industries that want to know Material Classifications and other details about Material content. It should be noted that an MSDS (Material Safety Data Sheet) is not usually suitable for data because if you are going for full disclosure, you need to know what is in 100% of the Substances in the Material.

When you issue a New > Material command, you get a screen like the following. All mandatory fields are marked with *.

Only if your Material is marked as “Is Article” you need to enter a “Article Category”. The Article Category is a prerequisite to upload an MDS to the SCIP database:

The screenshot displays the CDX MDS Search application interface. The top navigation bar includes tabs for MDS Search, Ingredients *, Supplier data *, Recipient data *, Analysis, and MDS Request *. Below the navigation bar, there are filter options: a dropdown menu set to 'Common Regulations' and a search bar with '(No Filter)'. The main content area is titled 'Material_14108769'. On the left, there is a tree view showing the material structure. The right pane shows the 'Details' section for the selected material, with expand/collapse controls. The 'Common Information' section includes fields for Type (Material), ID / Version (14108769 / 0.01), Node ID (14108769), Node Count (1), MDS Supplier (CDX Service Team (Germany)), 100% declaration (checked), SCIP Compliance (checked), External SCIP number (text input), Brand (text input), Type (text input), Model (text input), and Is Article (checked). Below this is the 'Article Category' section, which is expanded to show the 'Name(s)' section. The 'Name' field contains 'Material_14108769' and is marked as mandatory with a red asterisk. There are also 'Additional Names' and 'Identifier(s)' sections, each with a 'Name' field and a 'Choose File' button for uploading an internal material number.

MDS Search | **Ingredients *** | **Supplier data *** | **Recipient data *** | **Analysis** | **MDS Request ***

Filter: Common Regulations (No Filter)

Material_14108769

Details | Expand all | Collapse all

- > Common Information
- > Dates
- > Query Lists
- > Product Business Info
- > **Classifications**
 - Classification: + -

List	Classification
-	
- > Material Information
- > Norms / Standards
- > Remark
- > Attachment
- > Where used

You can enter a value in the text field and find after that the complete description via the button. If you need further information about the Article Category, you should use the link provided with the Help button . With the magnifier you can also search for an Article Category:

CDX - Article Category Search

Article Category Search Criteria

Description Level 1	Description Level 2	Description Level 3	Description Level 4
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes			
Arms and ammunition; parts and accessories thereof			
Articles of stone, plaster, cement, asbestos, mica or similar materials; ceramic products; glass and glassware			
Base metals and articles of base metal			
Footwear, headgear, umbrellas, sun umbrellas, walking sticks, seatsticks, whips, riding crops and parts thereof; prepared feathers and articles made therewith; artificial flowers; articles of human hair			
Live animals; animal products			
Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles			
Mineral products			
Miscellaneous manufactured articles			
Natural or cultured pearls, precious or semiprecious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin			
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof			
Plastics and articles thereof; rubber and articles thereof			
Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes			
Products of the chemical or allied industries			
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard; paper and paperboard and articles thereof			
Raw hides and skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silkworm gut)			
Textiles and textile articles			
Vegetable products			
Vehicles, aircraft, vessels and associated transport equipment			
Live animals; ... Live animals	Live bovine an...	Cattle	Purebred breeding animals > Other
Live animals; ... Live animals	Live bovine an...	Cattle	Other
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Of the subgenus Bibos or of the subgenus Poephagus
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Young male bovine animals, intended for fattening
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Heifers of the grey, brown or yellow mountain breeds and spotted Pinzgau breed, other than for slaughter
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Heifers of the Schwyz and Fribourg breeds, other than for slaughter
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Heifers of the spotted Simmental breed, other than for slaughter
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Bulls of the Schwyz, Fribourg and spotted Simmental breeds, other than for slaughter
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight not exceeding 80 kg > Other
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > For slaughter
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > Other
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > Young male bovine animals, intended for fattening
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > Other > Heifers of the grey, brown or yellow mountain breeds and spotted Pinzgau...
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > Other > Heifers of the Schwyz and Fribourg breeds
Live animals; ... Live animals	Live bovine an...	Cattle	Other > Other > Of a weight exceeding 80 kg but not exceeding 160 kg > Other > Heifers of the spotted Simmental breed

Total records found 20002

Apply Quit

Click on **Apply** to confirm your selection.

You can also define a “Default Article Category for subcomponents” – it will represent the Article Category for any child article within the component node, where no Article Category is defined. With the magnifier you can also search for a default Article Category.

Common Information

Let's take a closer look at the **Common Information**:

The screenshot shows the CDX MDS Search application. The top navigation bar includes tabs for MDS Search, Ingredients *, Supplier data *, Recipient data *, Analysis, and MDS Request *. The left sidebar shows a search result for 'Material_14108882'. The main content area displays the 'Details' for this material, with the 'Common Information' section expanded. This section includes fields for Type (Material), ID / Version (14108882 / 0.01), Node ID (14108882), Node Count (1), and MDS Supplier (CDX Service Team (Germany)). It also features checkboxes for '100% declaration' and 'SCIP Compliance', both of which are checked. Below these are input fields for 'External SCIP number', 'Brand', 'Type', and 'Model'. An 'Is Article' checkbox is also checked. The 'Article Category' section is collapsed. The 'Name(s)' section shows the 'Name' field with the value 'Material_14108882' and a red asterisk, indicating it is required. There are also fields for 'Additional Names'. The 'Identifier(s)' section includes an 'Internal Material No.' field with a 'Choose File' button and a 'No file chosen' status, and another 'Internal Material No.' field with the value 'No number assigned'. There are also fields for 'Additional Identifiers'. The 'Dates' section is collapsed, showing a 'Creation date' of 5/25/2026.

The following table gives a description of each of the fields in this area:

Field Name	Description	Required?
Type	System Generated – Type of MDS this is (Material, Semicomponent, Battery, Component). You cannot change from one type of MDS to another because different types of MDSs have different information requirements.	Not Applicable
ID / Version	System Generated – The first set of numbers represents the ID of the MDS. As each new version is created, this number will not change but the second number (/0.01) will. In fact, when the MDS is "released" (more about that later), the version will become a whole number and indicate that no further edits can be made.	Not Applicable
Node ID	System Generated – This refers to the actual location in the database where information about this MDS is stored. For the 0.01 version of the MDS, it will be the same as the ID.	Not Applicable

Field Name	Description	Required?
Node count	Node count indicates the number of component, material, and substance nodes within the MDS structure	Not Applicable
Automatically accepted	A check box indicating whether the MDS has been accepted by the job or manually by the user.	Not Applicable
MDS Supplier	System Generated – the CDX company name of the creating company.	Not Applicable
100% declaration	A check box indicating whether 100% of the MDS is being declared. By setting the checkbox "100% Declaration" you can declare the MDS as a full declaration and have to provide the complete information. If your parent node has this box checked and any child node does not, you will receive an error in the check and cannot proceed.	Industry Dependent
SCIP Compliance	Check this field for SCIP compliance. The default value of this flag is trigger in the company admin screen (only available for users with profile "Company Administrator").	Optional
SCIP Number	This number is part of the MDS top node and of all referenced nodes. It is a read only attribute and can only be updated by automated SCIP submission or Web Services (in a later state). For MDS imported from IMDS or via Web Service, the SCIP Number can also be available for nodes in the MDS-tree which are not referenced.	Not Applicable
Brand	This is the public brand name of the product	Optional
Type	This is the public Type of the product	Optional
Model	This is the public Model name of the product	Optional
Is Article	A check box indicating whether your product is an Article as per the REACH O5A perspective or not. Please check this box, if your product is an article. If your Material is an Article an "Article Category" is required in the "Product Business Info".	
Article Category	The Article Category is a prerequisite to export your MDS to the SCIP database. With the magnifier you can search for an Article Category. The Help button contains a link for further information. For MDS imported from IMDS or via Web Service, the Article Category can also be available for nodes in the MDS-tree which are not referenced.	Optional / Yes for SCIP Reporting
Default Article Category for subcomponents	The value of this field represents the default value of the Article Category field for any child article within the component node (if not present), which is a prerequisite to export your MDS to the SCIP database. With the magnifier you can search for a default Article Category.	Optional / Yes for SCIP Reporting
Name	How your company refers to this MDS in their own terms. You must change from the default name, otherwise the check routine results in an error message.	Yes
Additional Names	Additional name(s) describing how your company refers to this MDS in their own terms. You can add multiple names with  , remove all with one click on  , without selecting any additional names. A confirmation message will be displayed to confirm and delete all additional names. With  the names from the table can be exported into a text file.	Optional
Internal Material No.	How your company refers to this Material in numeric terms. Browse... to add multiple numbers by importing them from a text file (one number per line) or add (multiple) numbers with  ; remove an entry with click on  . With  the numbers from the table can be exported into a text file.	Optional
Additional Identifiers	Additional Identifier(s) describing how your company refers to this MDS in numeric terms. You can add multiple identifiers with  , remove all with one click on  . without selecting any additional Identifiers. A confirmation message will be displayed to confirm and delete all additional identifiers. With  the names from the table can be exported into a text file.	Optional

Dates

Sometimes it is very important to know when the MDS was created and the dates of the last change. The next section contains system generated information:

Dates

Creation date 6/10/2016
Release Date -
Check Date -

The following table explains what these fields mean:

Field Name	Description
Creation Date	Date MDS was created based on server time (server is hosted in Germany)
Release Date	Date MDS was released (no more changes can be made)
Check Date	Date MDS was checked – useful in tracking under what requirements it was checked.

Query Lists

This area contains a list of query statements about the products being declared. These queries are set by regulations in scope and can differ depending on regulations in scope of the declaration (this area is not visible before your company administrator has defined in Administration > Company any regulations to be in scope):

Query Lists

AD-DSL Query List

Requires the use of substances on the AD-DSL
Contains Conflict Minerals
Contains Radioactive Material(s)
Contains Biocide Material(s)

The AD-DSL Query List is an example of a Query List provided by the IAEG® authority for the Aerospace and Defense Industry (AD Industry; please see www.iaeg.com). Other authorities may specify their own Query List. The query lists are periodically updated by the respective authority.

CDX provides an additional validation process for declarations in the AD-DSL query list within MDS. This validation compares the declarations against the actual content of the AD-DSL regulation to ensure consistency. As a result, manual efforts required to check for this consistency are reduced. This feature verifies the answers against the defined regulations in AD-DSL, enhancing the overall accuracy and reliability of the system.

An IPC1754 declaration (AD Industry standard) provides supplier responses to a set of query statements (query list) that are relevant to the industry. For example, a query statement may refer to whether or not a certain type of substance is contained in the product. More than one query list may be included here if the declaration is applicable to multiple industries.

The MDS creator shall provide a response to each query statement included in the query list(s) mandated by the regulation.

The following table explains what the fields in the above shown example mean:

Field Name	Description	Required
Requires the use of substances on the AD-DSL	Please answer this question with Yes, No or Not Applicable to state, if your product requires the use of substances mentioned on the AD-DSL (or any other industry specific list).	Industry Dependent
Contains Conflict Minerals	Please answer this question with Yes, No or Not Applicable to state, if your product contains Conflict Minerals.	Industry Dependent
Contains Radioactive Material(s)	Please answer this question with Yes, No or Not Applicable to state, if your product contains Radioactive Materials(s).	Industry Dependent
Contains Biocide Material(s)	Please answer this question with Yes, No or Not Applicable to state, if your product contains Biocide Materials(s).	Industry Dependent

Product Business Info

This section is displayed in the top node of every MDS Details, but is only relevant in Component MDSs and will be described [later](#):

☒ Product Business Info

Classifications

The Material Classification is mandatory for Material type datasheets. The information is stored in this area. Requirements for this field are Industry Dependent. Use Descriptors known from the IPC1754 standard / AD-DSL are treated as Classifications in CDX and can be found in this chapter.

Clicking on the will open a menu where you can select which industry classifications to which you are reporting, as in the following:

The IMDS classifications are the VDA Material Classifications. If IMDS is selected, after expanding all the classifications, you will get a list similar to the following:

You would highlight the desired classification and click on Apply. If you select one of the other available classifications (ISO22628, JAMP, AD-DSL, IEC62474 or ECHA Materials / Mixtures) you will get different menus:

CDX - Compliance Data Exchange

Classification

Classification

- M-100: Stainless steel
- M-119: Other ferrous alloys, non-stainless steels
- M-120: Aluminium and its alloys
- M-121: Copper and its alloys
- M-122: Magnesium and its alloys
- M-123: Nickel and its alloys
- M-124: Zinc and its alloys
- M-125: Precious metals
- M-126: Lead and its alloys
- M-127: Sn-Pb solder
- M-128: Lead-free solder
- M-129: Gold
- M-130: Platinum
- M-149: Other non-ferrous metals and alloys
- M-150: Ceramics
- M-151: Glass
- M-199: Other inorganic materials
- M-200: PolyVinylChloride (PVC)

CDX - Compliance Data Exchange

Classification

Classification

- Metals**
 - Steel and iron materials
 - Special metals
 - Heavy metals, cast and wrought alloys
 - Light alloys, cast and wrought alloys
- Polymer (excluding Elastomer)**
 - Process polymers
 - Polymer (excluding Elastomer)
- Others (compounds, electronics, electrics)
- Elastomers
- Glass
- Fluids
- Modified organic natural materials (MONM)

Classification

Classification

- TF001: Ablative
- TF002: Abrasive
- TF003: Absorbent
- TF004: Adhesion promotor
- TF005: Adsorbent
- TF006: Aerating and deaerating agents
- TF007: Antiadhesive
- TF008: Alloying element
- TF009: Anticaking agent
- TF010: Anticondensation agent
- TF011: Antifreeze agent
- TF012: Antioxidant
- TF013: Antiredeposition agent
- TF014: Anti scaling agent
- TF015: Antistain agent
- TF016: Antistatic agent
- TF017: Antistreaking agent
- TF018: Barrier (Sealant)

Classification

Classification

- 1: Inorganic materials**
 - M-10: Steels and ferrous materials
 - M-12: Non-ferrous metals and alloys
 - M-15: Precious metals
 - M-16: Non-metallic inorganic materials
 - M-19: Other inorganics
- 2: Organic materials**
 - M-20: Unfilled thermoplastics resin
 - M-25: Filled thermoplastics resin
 - M-30: Duromers
 - M-32: Elastomers
 - M-34: Natural materials
 - M-39: Other organics
- 3: Materials for product operation**
 - M-40: Materials for product operation

Classification

Classification

- metal**
 - 66369: iron (and alloys of, except steel)
 - 66370: iron, not alloyed
 - 66371: ferro-alloy containing copper, except steel
 - 66372: ferro-alloy containing tin, except steel
 - 66373: other ferro-alloy, except steel
 - 66374: steel
 - 66375: carbon steel (non-alloyed steel)
 - 66376: stainless steel
 - 66377: alloy steel (except stainless steel)
 - 66378: containing copper
 - 66379: containing tin
- plastic (and polymers)**
 - 66485: polyethylene, low density (ldpe)
 - 66486: polyethylene, high density (hdpe)
 - 66487: polypropylene (pp)

Classification

Classification

- F: Mixtures for further formulation**
 - P: Products**
 - PC: Chemical products (excludes biocidal products)**
 - PC-ADH: Adhesives and sealants**
 - PC-ADH-1: Adhesives and sealants - household
 - PC-ADH-2: Adhesives and sealants - building
 - PC-ADH-3: Adhesives and sealants - footwear
 - PC-ADH-4: Adhesives and sealants - paper and printing
 - PC-ADH-5: Adhesives and sealants - transport
 - PC-ADH-6: Adhesives and sealants - woodwork
 - PC-ADH-7: Adhesives and sealants - assembly
 - PC-ADH-8: Multi-component adhesives and sealants
 - PC-ADH-OTH: Other adhesives and sealants
 - PC-AIR: Air care products**
 - PC-AIR-1: Air care products for indoor rooms

The AD-DSL option includes all IPC1754 Use Descriptors to be added to materials. You would highlight the desired classification and click on .

It is possible to enter all classifications on the same MDS. If there is a classification in another classification list mapping to the selected one, the checkbox below the list is selected and the user can select the appropriate classification with "Next" and then "Apply" to add all of them to the Classifications list.

CDX - Compliance Data Exchange

Classification

Further mapping classifications are available in another classifications list. Please select the classification to add additionally.

Primary Classification IMDS Primary Classification IMDS
Mapped Classification JAMP Mapped Classification ISO22628

M-120: Aluminium and its alloys **Light alloys, cast and wrought alloys**

☒ A classification that maps to the selected one was found in another classification list. CDX can add this classification automatically when this checkbox is selected.

[< Previous](#) [Next >](#) [Apply](#) [Cancel](#)

Classifications

Classification  

List	Classification
JAMP	M-120: Aluminium and its alloys
IMDS	2.1.1: Cast aluminium alloys
ISO22628	Light alloys, cast and wrought alloys

Material Information

In some industries, you must include the Standard Material information. Most Materials will have one or the other, but not both:

☒ **Material Information**

Standard Material No.

Symbol

Field Name	Description	Required?
Standard Material No.	Primarily for metals – this is usually a UNS or other numbering system that uniquely identifies the substance content of the Material. Many Norms and Standards refer to properties of the metal instead of the Material content.	Industry and Classification dependent
Symbol	Primarily for polymeric materials, this is the ISO symbol for the Material.	Industry and Classification dependent

Norms / Standards

Unlike the Standard Material number, Norms and Standards frequently refer to the properties of the Material and do not represent the 100% substance information. Whether this information is required is Industry and Classification dependent.

☒ **Norms / Standards**

Norms / Standards + -

Company	Norm	Norm Code

If you need to add a Norm or Standard, the + will activate a window similar to the following:

Add Norm/Inhouse Norm

Company

Norm

Norm Code

- ATSI - American Iron and Steel Institute
- AMS - Aerospace Material Specifications
- API - American Petroleum Institute
- AS - Australien Standard
- AS/NZS - Australian / New Zealand Standard
- ASME - American Society of Mechanical Engineers
- ASN - Czech public norm
- ASTM - American Society for Testing and Materials
- BS - British Standard
- CDA - The Copper Development Association
- CSN - Czech state norm
- DIN - Deutsche Industrie Norm, published by Deutsches Institut fuer Normung (German standards agency)
- DIN EN - Deutsche Industrie Norm / European Norm
- EN - European Standard, published by CEN (European Committee for Standardisation)
- EN ISO - European Norm / International Organisation for Standardisation
- GB - China National Standard
- GL-Vorschrift - German Lloyd / Rules for Classification and Construction of Seagoing Ship
- IEC - International Electronic Committee
- IEEE - Institute for Electrical and Electronical Engineering
- IPC - Institute of Printed Circuits
- IS - Indian Standard
- ISO - International Standards Organization
- JAMA - Japan Automobile Manufacturing Association
- JASO - Japanese Auto Standards Organization
- JFS - Japan Iron and Steel Federation Standard
- JIS - Japanese Industrial Standard, published by JSA (Japanese Standard Association)
- KS - Korean Agency for Technology and Standards
- KTA - Kerntechnischer Ausschuss
- LW - Werkstoffhandbuch der Deutschen Luftfahrt

After you select your norm, you will be returned to the window where you can enter the specific code (mandatory):

Add Norm/Inhouse Norm

Company

Norm

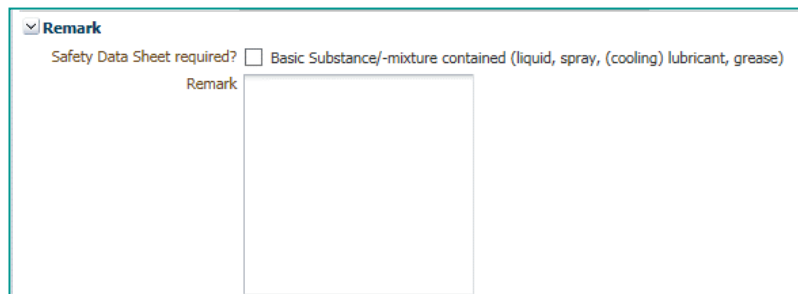
Norm Code

✓ Add ↺ Cancel

Remark

Depending on your client's requirements, here you can declare whether a Safety Data Sheet is required (e.g. when a basic substance/mixture like liquid, spray, lubricant or grease is contained in your Material).

The Remark field itself is a free text area where you may want to include some information about the Material. An example, such as "this is only a guess and we do not stand behind this declaration" is not useful or wanted. This field is optional.



Remark

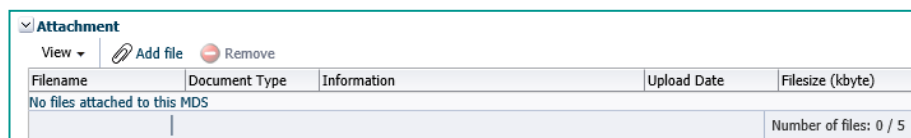
Safety Data Sheet required? ☐ Basic Substance/-mixture contained (liquid, spray, (cooling) lubricant, grease)

Remark

Attachment

Here you can add attachments and a short description to your MDS. The following file formats are allowed to be uploaded: xls, xlsx, doc, docx, pdf, zip. You can upload up to 11 files, but they must not add up to more than 25 MB.

Use the buttons  Add file and  Remove to attach or remove a file.



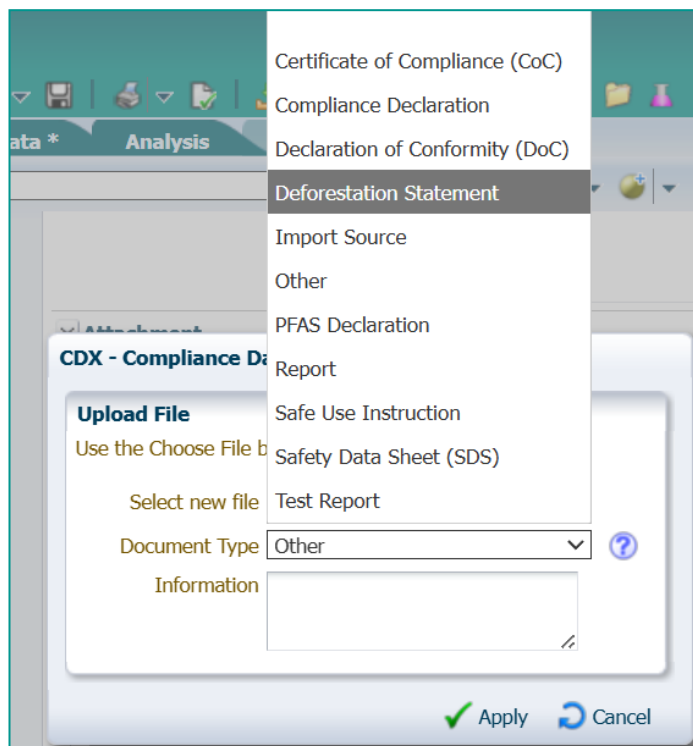
Attachment

View  Add file  Remove

Filename	Document Type	Information	Upload Date	Filesize (kbyte)
No files attached to this MDS				

Number of files: 0 / 5

When adding documents, a new window opens and you are asked to browse for the file you want to add and to provide a Document Type from the list.



CDX - Compliance Declaration

Upload File

Use the Choose File button to select a file to upload.

Select new file

Document Type: Other

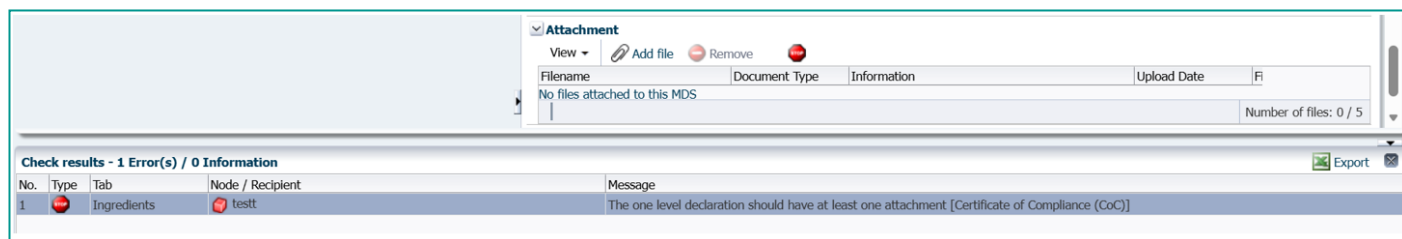
Information

Apply Cancel

Selecting the accurate Document Type is essential for compliance validation. If the company or recipient has configured specific Attachment Check Rules, the system verifies that the uploaded file matches the required type.

Failing to upload a required file, or assigning a generic type (such as the default 'Other') when a specific type like 'Test Report' is required, will trigger a validation error during the MDS Check.

Example: If a rule requires a Certificate of Compliance (CoC) for a One Level Declaration, the system checks specifically for this document type. If the user creates a One Level Declaration but fails to attach a file classified as a "Certificate of Compliance," the Check Result will display an error preventing completion.

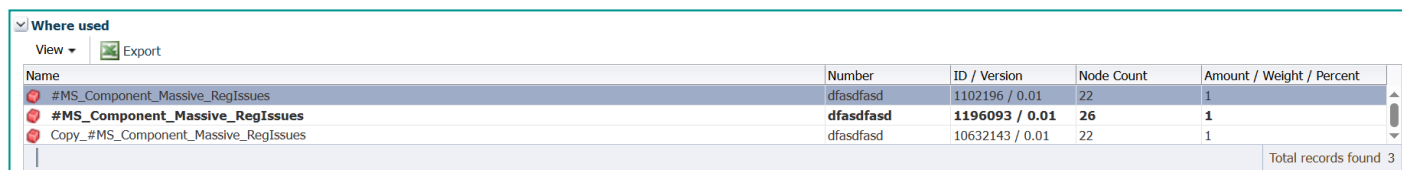
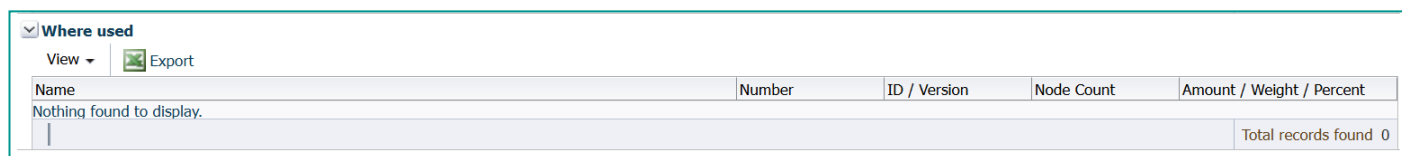


After selecting the file and type, the user can enter a description and click Apply to complete the step. During the upload process, the file is automatically scanned for viruses; if a threat is detected, the user is notified immediately.

When a Component, Semicomponent or Material is used as an own reference in another MDS, all attachments assigned to the referenced datasheet are visible on the child node for all downstream recipients. This includes multi-tier scenarios, where a received datasheet is first accepted and then referenced in a new own MDS, ensuring that customers can access the original supplier documentation directly on the referenced child node.

Where used

This area is always empty in newly created MDSs. As soon as (own, accepted or published) MDSs are referenced in the MDS tree structure, this area shows all user's own MDSs (excluding the current opened), where the selected MDS (node) is directly used at the first tree level. The MDSs, where the referenced node is used, are displayed with their name, part number, ID / Version, Node Count and information about Amount / Weight / Percentage.



Add the Ingredients

Once the basic information is given, you will need to add the ingredients. You have two options to create your tree structure:

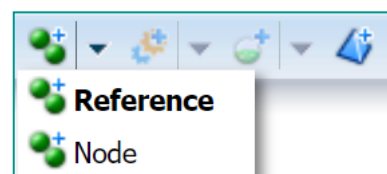
- Use the "Add Material" or "Add a Basic Substance reference" button on the upper right or
- Use the Regulation Wizard alongside (suggested for [Bosch supplier companies](#))



First option is the preferred option and described below. The [Regulation Wizard](#) will be described later.

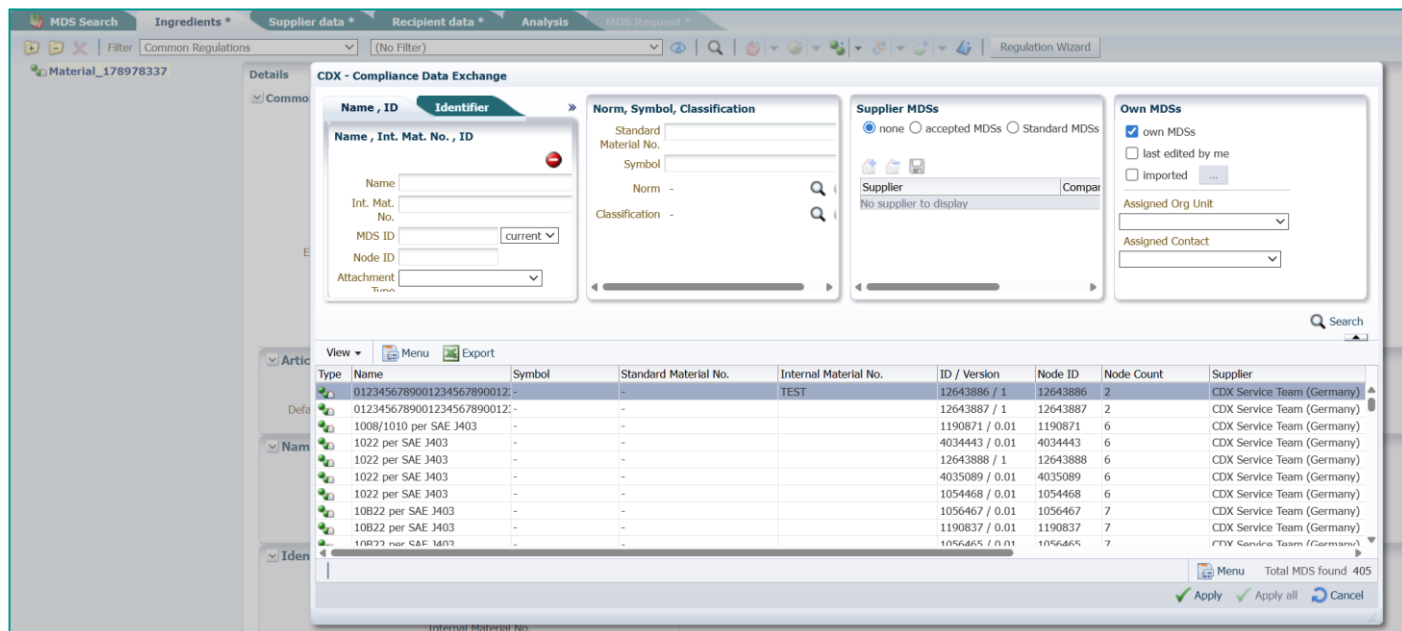
Focusing in on the upper right, you will see that your only choices to add ingredients for a Material are other Materials and Basic Substances as the others are greyed out.

Referencing means that the MDS will be linked to another MDS or Basic Substance which you attach by going through a Search. Node means that the structure is only available in this MDS and not available for attaching to other structures.



Attaching Basic Substances

In this case, we're going to add a Basic Substance . You can limit your search with several criterias, e.g., searching only for Basic Substances included in a specific Basic Substance Group or list. Here you can choose, if you want to search in a "Global Substance List" or a "Company Specific Substance List". We have searched in the Global – Basic Polymer Group:



When you find your Basic Substance, highlight it and click on .

You will notice the left side of the screen now highlights the added Basic Substance and the right site presents a screen similar to the following (expanded):

Details

Common Information

Type: Basic Substance
2-Ethylhexyl glycidyl ether
CAS No. 2461-15-6
EINECS No. 219-553-6
IAEG Code
EU-Index
ECHA Substance ID
ECHA Substance Name
ECHA Iupac Name
ECHA CAS Name
Confidential ☐

Name(s)

Name(s) (((2-Ethylhexyl)oxy)methyl)oxirane

Identifier(s)

Amounts and Weights

Portion: Fix
%

Basic Substance group/list

Basic Substance group/list -

Process Chemical

Process Chemical No

The following table describes the information presented:

Field Name	Description	Required?
Type	Type of Node: Basic Substance, Material, Semicomponent, Battery Component	NA
Name(s)	Presents the synonyms for this Basic Substance – this is a view of the Basic Substance List.	NA
CAS No.	Chemical Abstract Number for the Basic Substance – this is a view of the Basic Substance List.	NA

Field Name	Description	Required?
Einecs-No.	Einecs Number for the Basic Substance – this is a view of the Basic Substance List.	NA
IAEG Code	The IAEG Code assigned to the Basic Substance. This code is part of the Aerospace and Defense Declarable Substances List (AD-DSL), which is a list of substances subject to supplier reporting in the aerospace and defense supply chain.	NA
EU-Index	EU-Index number for the Basic Substance – this is a view of the Basic Substance List.	NA
ECHA Substance ID	ECHA Substance ID name for the Basic Substance	NA
ECHA Substance Name	ECHA Substance name for the Basic Substance	NA
ECHA Iupac Name	ECHA Iupac name for the Basic Substance	NA
ECHA CAS Name	ECHA CAS Name for the Basic Substance	NA
Confidential	Checking this box will limit visibility to the Basic Substance to those with IDs in your CDX company and those you have given Trust User Status to.	Optional
Amounts and Weights Portion / %	You are required to enter a “Fixed” amount, a “Range” (from – to) for the used substance or letting the system calculate the % (Rest). It is highly recommended that you not use “Rest” on a joker/wild card.	Optional / Required for 100% declaration
Basic Substance Group / Lists	Indicates what groups the Basic Substance is a member of. This is a view of the Basic Substance list.	NA
Process Chemical	If this Basic Substance is a Process Chemical, you would need to indicate that you are aware it is and indicate whether it is a Reaction Residue or Impurity.	Dependent on the Basic Substance

Once you fill in the required information, click on the top of the tree – and in this case, we are adding a Material to be a sibling of our Basic Substance (this is an example only and this structure is not recommended).

Attaching Existing Materials (Reference)

There are two ways to add a Material – Reference and Node. For all datasheets that you want to add, Reference and Node work the same. Reference means you are going to search out an MDS to attach. Node means you are going to create it in the tree and the structure only exists in the tree and cannot be used in other MDSs.

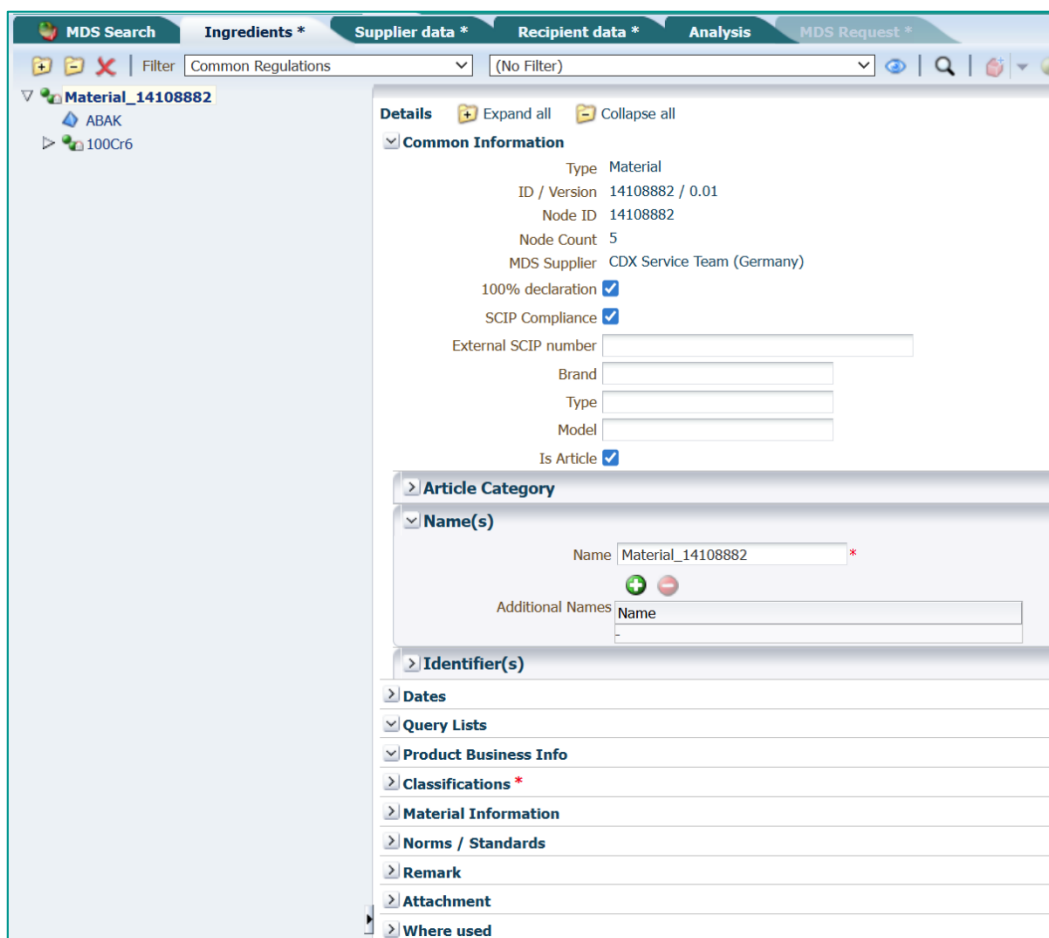
In this case, we’ve searched on Published Materials. For more information on searching, please see the [Search](#) section in this manual.

We now have the results of our search, we’ve found our Material as in the following:

The screenshot displays the CDX - Compliance Data Exchange search results. The interface includes a search bar, filters for 'Date' (published/accepted/created) and 'Supplier', and a results table. The results table lists various materials with columns for Name, Symbol, Standard Material No., Internal Material No., ID / Version, Node ID, Node Count, Supplier, Supplier Code, and IMDS ID. The search results show multiple entries for '1022 per SAE J403' and '10822 per SAE J403' from various suppliers.

Type	Name	Symbol	Standard Material No.	Internal Material No.	ID / Version	Node ID	Node Count	Supplier	Supplier Code	IMDS ID
	0123456789001234567890012-	-	-	TEST	12643886 / 1	12643886	2	CDX Service Team (Germany)		1934555
	0123456789001234567890012-	-	-		12643887 / 1	12643887	2	CDX Service Team (Germany)		4534212
	1008/1010 per SAE J403	-	-		1190871 / 0.01	1190871	6	CDX Service Team (Germany)		1535348
	1022 per SAE J403	-	-		4034443 / 0.01	4034443	6	CDX Service Team (Germany)		1535348
	1022 per SAE J403	-	-		12643888 / 1	12643888	6	CDX Service Team (Germany)		1535346
	1022 per SAE J403	-	-		4035089 / 0.01	4035089	6	CDX Service Team (Germany)		1535348
	1022 per SAE J403	-	-		1054468 / 0.01	1054468	6	CDX Service Team (Germany)		1403336
	10822 per SAE J403	-	-		1056467 / 0.01	1056467	7	CDX Service Team (Germany)		1535349
	10822 per SAE J403	-	-		1190837 / 0.01	1190837	7	CDX Service Team (Germany)		1535349
	10822 per SAE J403	-	-		1056465 / 0.01	1056465	7	CDX Service Team (Germany)		1535349
	123	-	-		98272904 / 0.01	98272904	1	CDX Service Team (Germany)	3335677 [...]	1535346

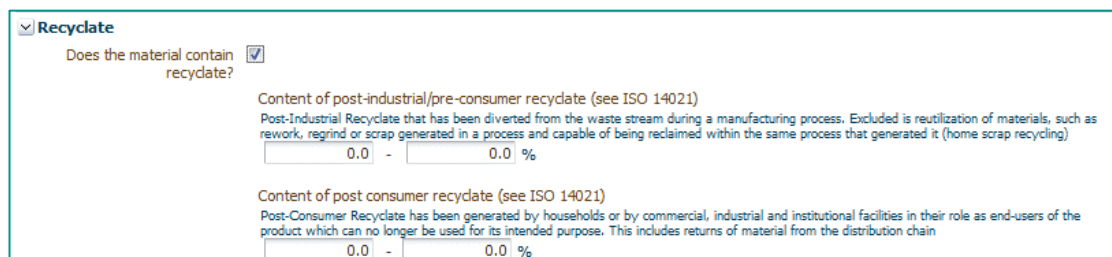
And clicked on .



The screenshot shows the CDX MDS Search application. The left sidebar displays a tree structure with 'Material_14108882' selected. The right pane shows the details for this material. The 'Common Information' section includes fields for Type (Material), ID / Version (14108882 / 0.01), Node ID (14108882), Node Count (5), MDS Supplier (CDX Service Team (Germany)), 100% declaration (checked), SCIP Compliance (checked), External SCIP number, Brand, Type, Model, and Is Article (checked). The 'Article Category' section shows the Name(s) as 'Material_14108882'. Below this are sections for Identifier(s), Dates, Query Lists, Product Business Info, Classifications, Material Information, Norms / Standards, Remark, Attachment, and Where used.

Note how the tree changes on the left and the Material 100Cr2 is highlighted, so the right side of the screen is the data for the highlighted node on the left.

Most of the fields on the right have been covered in a previous section. There is a new field, **Recyclate**. If you check the box: **Does the Material contain recyclate?** the box changes and is editable:



The screenshot shows the 'Recyclate' section. It includes a checkbox 'Does the material contain recyclate?' which is checked. Below this are two input fields for 'Content of post-industrial/pre-consumer recyclate (see ISO 14021)' and 'Content of post consumer recyclate (see ISO 14021)'. Both fields show '0.0' and '0.0' respectively, with a '%' symbol next to the second '0.0' in each field.

Another name for Recyclate is Recycled Content. In many areas of the world, there are requirements that a certain portion of the Material be from recycled content. In some other parts of the world, companies may get rebates by having a certain portion of recycled content.

Post Industrial recyclate is recycled content from industry. Post consumer recyclate is recycled content from consumer waste. The definitions used for post-industrial and post consumer recyclate are from the ISO 14021 definitions that are commonly used in many industries. It is highly desirable that if you have recycled content, you enter it here.

Add Material – Node

We have gone back to the top of the tree and selected Add Material > Node. The right side of the screen has the same fields as discussed earlier so we will not discuss them further.

The screenshot shows the MDS Search application with the 'Details' tab selected. The left sidebar lists 'Material_14108883'. The main panel displays the following sections:

- Common Information:** Type: Material, Is Article: ☐. Name(s): Material_14108883.
- Identifier(s):** (Empty field)
- Amounts and Weights:** Portion: Fix, %: *
- Classifications:** Classification: List, Classification: *
- Material Information:** Standard Material No.: , Symbol: *
- Norms / Standards:** Norms / Standards: *, Company: , Norm: , Norm Code: *
- Recycle:** Does the material contain ☐ recycle? Content of post-industrial/pre-consumer recycle (see ISO 14021): 0.0 - 0.0 %. Content of post consumer recycle (see ISO 14021): 0.0 - 0.0 %.

Create a Component

The next most popular MDS type is a Component. You can either use the MDS > New > Component or the  button in the toolbar to create a Component. After you create the Component, you'll get a screen similar to below.

The screenshot shows the MDS Search application with the 'Details' tab selected. The left sidebar lists 'Component_14108884'. The main panel displays the following sections:

- Common Information:** Type: Component, ID / Version: 14108884 / 0.01, Node ID: 14108884, Node Count: 1, MDS Supplier: CDX Service Team (Germany), 100% declaration: ☒, SCIP Compliance: ☒, External SCIP number: , Brand: , Type: , Model: .
- Article Category:** (Empty field)
- Name(s):** Name: Component_14108884, Additional Names: Name: ,
- Identifier(s):** (Empty field)
- Dates:** (Empty field)
- Query Lists:** (Empty field)
- Product Business Info:** (Empty field)
- Amounts and Weights:** *
- Parts Marking:** (Empty field)
- Remark:** (Empty field)
- Attachment:** (Empty field)
- Where used:** (Empty field)
- Regulations:** (Empty field)

Let's look more closely at the right side:

Details
+ Expand all
 - Collapse all

☒ **Common Information**

Type Component
 ID / Version 14108884 / 0.01
 Node ID 14108884
 Node Count 1
 MDS Supplier CDX Service Team (Germany)
 100% declaration ☒
 SCIP Compliance ☒
 External SCIP number
 Brand
 Type
 Model

Some Field definitions are listed in the table below:

Field Name	Description	Required?
Brand	This is the public brand name of the product	Optional
Type	This is the public Type of the product	Optional
Model	This is the public Model name of the product	Optional
Article Category	The Article Category is a pre-requisite to export your MDS to the SCIP database . With the magnifier you can search for an Article Category. The Help button contains a link for further information.	Optional / Yes for SCIP Reporting
Default Article Category for subcomponents	The value of this field represents the default value of Article Category field for any child article within the component node (if not present), which is a pre-requisite to export your MDS to the SCIP database. With the magnifier you can search for a default Article Category.	Optional / Yes for SCIP Reporting

Please do not forget to change the default name to a meaningful name. A new field is the Product Business Info. Another mandatory field is the Measured weight for your Partial or Full Declaration.

Fields – Product Business Info / Amounts and Weights / Parts Marking

Most of the fields are the same as discussed earlier for Materials.

☒ **Product Business Info**

Product Group
 MDS Revision
 Manufacturing Country
 Manufacturing Site

☒ **Amounts and Weights**

Measured weight per item g
 Tolerance +/- %
 Calculated weight per item
 Deviation -

☒ **Parts Marking**

Required by law
 Polymeric part(s) marked ☐

The definitions are listed in the table below

Field Name	Description	Required?
Product Group	This is an arbitrary descriptor for a grouping of products. This is part of the IPC1754 standard.	Optional
MDS Revision	This field describes an arbitrary revision descriptor as part of the IPC1754 standard.	Optional
Manufacturing Country	Please select a country, where the product is manufactured (as part of the IPC1754 standard).	Optional
Manufacturing Site	Arbitrary name of the site of manufacturing as part of the IPC1754 standard.	Optional
Measured weight per item	This is the stated weight (drawing weight) for the Component – required for partial and full declaration. You can enter here a weight up to 1 nanogram (= 0.000001 mg). For One Level Declarations, the check routine will provide you with information that states weight information is missing and should be filled.	Optional / Yes
Tolerance +/-	This is primarily used for correcting any math issues from the child nodes. Some people take this for the tolerance of the drawing and limit the value. However, that is not the intended purpose of this field.	Optional
Calculated weight per item	System Generated. The sum of the measured weights of all child nodes of the parent node. This is direct child only – not the weight of the entire tree structure.	NA
Deviation	System Generated – the percent difference between the Measured weight per item (stated weight) and the Calculated weight per item.	NA
Required by law	This is a Yes/No flag indicating whether parts must be marked for recycling according to law.	Industry Dependent
Polymeric part(s) marked	Should you answer Yes to Required by law, then this box will be available for entry.	Industry Dependent

Once you enter the data for the top node (remember if you mark the top node 100% Declared, anything you attach must also have 100% Declared or you will receive an error message in the check), it is time to attach the Ingredients. At this point, you will notice that all options are available.

Field – Regulations

This field is only available for Component and Semicomponent MDSs and gives for every single Component or Semicomponent node an overview about all ingredients in the tree, which are included in the specified regulation (REACH, RoHS, ELV, Batteries, Packaging ...) – defined in your company administration information or by the client required regulations, respectively as defined in clients' requests. Note that regulations details are only shown for regulations such as "in scope". The regulations are divided by regulations that are in scope of the manufacturer and those in scope of recipients, listed alphabetically. If a manufacturer scoped regulation is also in scope of recipients, these recipients are listed within the regulation details.

Regulations

Complete Overview

Scope: own company

AD-DSL

IMO

Scope: Recipients

California Proposition 65

Confirmation

Regulation	Regulation complied?	Relevant data provided?
AD-DSL	Please select appropriate value	Please select appropriate value
Batteries	Please select appropriate value	Please select appropriate value
California Proposit...	Please select appropriate value	Please select appropriate value
Demo_Regulation_2	Please select appropriate value	Please select appropriate value
Demo_Regulation_3	Please select appropriate value	Please select appropriate value
ELV	Please select appropriate value	Please select appropriate value

In the "Confirmation" section you can state if your Component/Semicomponent complies to a regulation (in scope) and if you've provided all relevant data. Since the confirmation will be given for the whole MDS, the drop-down menu is only available on top node level or when you add a reference to your tree structure. Usage of the "Regulations" field is mandatory for some suppliers (please see the chapter "[Company specific enhancements](#)"). For all other MDS providers it is suggested to use this field according to prior agreement with their clients.

Without a child node in your Component, the regulation fields are empty. Let's go adding ingredients and look into the Regulations area later again.

Adding Ingredients

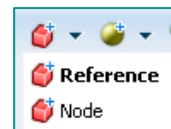
In this section, we will discuss adding the various ingredients by type.

Adding ingredients with the [Regulation Wizard](#) (suggested for [Bosch supplier companies](#)) is also possible, but will be discussed later.



Attaching a Component – Reference

When you click on the Component icon, you get two choices: We'll first use **Reference** where we search out an existing Component. Remember, if you have checked 100% disclosure in the details on the right, all immediate child nodes will also have to have 100% disclosure checked.



In this case, we have searched out and added an existing Component:

The screenshot shows the CDX MDS Search interface. The top navigation bar includes tabs for 'MDS Search', 'Ingredients *', 'Supplier data *', 'Recipient data *', 'Analysis', and 'MDS Rec'. The 'Ingredients *' tab is active. On the left, a tree view shows a hierarchy of components, with 'Component_1410884' selected. The right pane displays the 'Details' for this component, including 'Common Information' (Type: Component, ID / Version: 12882595 / 0.02, Node ID: 13038418, MDS Supplier: CDX Service Team (Germany), 100% declaration checkbox, External SCIP number, Brand, Type, Model), 'Article Category', 'Name(s)', 'Identifier(s)', 'Dates', 'Query Lists', 'Product Business Info', 'Amounts and Weights', 'Parts Marking', 'Remark', 'Attachment', 'Where used', and 'Regulations'.

Let's look more closely at the right side:

Details

> Common Information

> Dates

> Query Lists

> Product Business Info

> Amounts and Weights

Quantity

Measured weight per item 20.0 g

Tolerance +/- -

Calculated weight per item 20.0 g

Deviation 0.0%

> Parts Marking

> Remark

> Attachment

View

Filename

No files attached to this MDS

> Where used

> Regulations

> Scope: own company

> California Proposition 65

Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material	Exemption	Company	Regulation / Version	Valid From	Valid To
1,2,3-Trichlor...	96-18-4		D	0.01	0.001%		3.0 %	0.6	REACH Mate...		Common	3	02.03.2...	
Potassium-dic...	7778-50-9		D	0.01	0.001%		2.0 %	0.4	REACH Mate...		Common	3	02.03.2...	
Tri(2-chloroe...	115-96-8		D	0.01	0.001%		5.5 %	1.1	REACH Mate...		Common	3	02.03.2...	

> REACH

REACH Candidate List

Version: 7, Valid From: 12/03/2020 - Valid To:

Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material
1,2,3-Trichlor...	96-18-4		D	0.1%	0.1%	E2011	3.0 %	0.6	REACH Mate...
Potassium-dic...	7778-50-9		D	0.1%	0.1%	E2010	2.0 %	0.4	REACH Mate...
Tri(2-chloroe...	115-96-8		D	0.1%	0.1%	E2010	5.5 %	1.1	REACH Mate...

> RoHS

Version: 17, Valid From: 01/11/2021 - Valid To: 01/18/2021

EC Declaration of Conformity attached ☐

Statement of manufacturer for RoHS attached ☐

Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material	Exemption
Potassium-dic...	7778-50-9		P	0.1%	0.1%		2.0 %	0.4	REACH Mate...	

> Scope: Recipients

> Confirmation

Regulation	Regulation complied?	Relevant data provided?
California Proposi...	Yes	Yes
EU POP Regulation...	Yes	Yes
REACH Candidate...	Yes	Yes
RoHS	Please select appropriate value	Please select appropriate value
RoHS Future	Yes	Yes

The data in the Common Information and Dates area has been discussed earlier, as has the Parts Marking and Remark area. What is new is the Amounts and Weights as well as the Regulations Area.

The data in the **Measured weight per item**, **Tolerance +/-**, **Calculated weight per item**, and **Deviation** was discussed in an earlier section. What you have to do here is enter how many of these you are going to use in your assembly.

> Amounts and Weights

Quantity

Measured weight per item 0.8 kg

Tolerance +/- 1.0%

Calculated weight per item 0.8 kg

Deviation 0.0%

CDX takes the **Quantity** and multiplies by the **Measured weight per item** to calculate a weight for this portion of the complete assembly. In this case, we entered 10 and each one of these weighs 800 g (0.8 kg) so, we have the following **on the top node**:

> Amounts and Weights

Measured weight per item g

Tolerance +/-

Calculated weight per item 8000.0 g

Deviation -20.0%

Notice how the Deviation is -20% (Calculated weight/Measured weight).
In the Regulations Area we see the following information for the added Component:

The screenshot shows the CDX Regulation Wizard interface. On the left, a tree structure lists components under 'Demo_Component_200049450', including 'Electronics module_GGI' and various materials like 'Base Board / EL logics', 'ABS+PA6', 'Cyclohexanone formaldehyde resin', etc. The right pane shows 'Regulations' for 'own company'. It includes sections for 'AD-DSL', 'Batteries', 'REACH', and 'REACH Annex XIV'. Each section contains a table of substances with columns for Name, CAS No., Date, D/P, Limit value / Restriction, Threshold, Entry, Portion, Weight, Material, and Exemption.

For every Component node in your tree structure, all Basic Substances relevant to the mentioned regulation are listed in the respective regulations area with some additional information such as Name, CAS No., D/P (declarable / prohibited), Limit value / Restriction conditions, Threshold, Entry, Portion, Aggregated Portion, Weight, Material in which it is included. Substances that have more than one occurrence under a given Component are shown as an aggregate with a fold-out listing of singular occurrences. This allows for example to identify first whether a Substance is reportable at all under an article, showing the aggregate, and secondly to dive deeper and identify the Materials that are using that Substance for determining possible improvement scenarios.

For some regulations are Exemptions or IPC1754 Use Descriptors required, which can be edited by clicking on the button or in the corresponding field or using the context menu (right-mouse click):

Exemptions can be filled, by double-clicking in the "unknown" field.

This screenshot shows the 'Details' dialog for the RoHS regulation. It displays fields for Regulation (RoHS), Name (Lead), CAS No. (7439-92-1), D/P (P), Limit value (0.1%-0.001), Entry (10.0 %), Portion (10.0 %), Weight, Material (Material_200319565), and an Exemption table with columns ID, No., Exemption, and Scope. The Exemption table shows a single entry with 'unknown' in the Exemption column. At the bottom, there are 'Apply' and 'Cancel' buttons.

This screenshot shows the 'Details' dialog for the AD-DSL regulation. It displays fields for Regulation (AD-DSL), Name (1,2,3-Trichloropropane), CAS No. (96-18-4), D/P (D), Limit value / Restriction conditions, Entry, Portion (0.07 %), Weight (7.0 g), Material, and Use Descriptor. The Use Descriptor field has a dropdown list. At the bottom, there are 'Apply' and 'Cancel' buttons.

For Use Descriptors you can use the dropdown list, which includes all relevant Use Descriptors. Currently they are available for regulation "AD-DSL" only.

Missing or wrong regulation relevant information will be shown with a symbol in the first column of the regulations tables as well as in the tree structure for each node. Moving the cursor over such a symbol displays the tool tip with a short explanation:

Regulations

Scope: own company

AD-DSL
Version: 4, Valid From: 12/04/2019 - Valid To:

	Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material	Exemption
Ⓢ	1,2,3-Trichlor...	96-18-4	2/15/2019	P	0.0001	0.01%		0.875 ...	7.0	MaterialMix	
Ⓢ	Asbestos, uns...	1332-21-4	10/31/2018	E				1.25 %	10.0	MaterialMix	
Ⓢ	Lead chromate	7758-97-6	2/15/2019	P	0.0001	0.01%		2.5 %	20.0	MaterialMix	
Ⓢ	Tris(2-chloroe...	115-96-8	2/15/2019	P	0.0001	0.01%		5.5 %	44.0	MaterialMix	
Ⓢ	C.I. Pigment...	12656-57-4						1.25 %	10.0	MaterialMix	

Batteries
Version: 1, Valid From: - Valid To: 12/23/2019
Battery type

	Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material	Exemption
Ⓢ	C.I. Pigment...	12656-57-4		P	0.002%	0.002%	E2009	1.25 %	10.0	MaterialMix	
Ⓢ	Cadmium silic...	13477-19-5		P			E2009	1.25 %	10.0	MaterialMix	

Thresholds and checks are calculated on the worst case, as opposed to the display of average values in section 'Amount / Weight'. This means that if a substance is provided as a range, the maximum value of the range is used and displayed for regulatory checks (columns 'Portion' and 'Weight'). If a substance is declared as 'Rest' it is calculated using the sum of minimum occurrences of all other substances. This may lead to situations where the threshold based substance content may exceed 100%, as every substance must be considered on its own. Substances under regulations of scope 'homogenous material' – such as RoHS – will be displayed and calculated per material, whereas substances under regulations of scope 'article' – such as REACH §33 – are aggregated by their occurrence in directly referenced materials, including additional listing of single occurrences by using the arrow shaped expansion symbol."

The general icons "Regulation issue" (Ⓢ or Ⓢ) are used at parent nodes of the tree structure, if there are findings in this component / semi-component. The following symbols are used for detailed information in substance nodes in the tree view and in the regulation detail tables.

- Ⓢ Use Descriptors possible, but not set
- Ⓢ Substance is marked "P" (prohibited) with Due Date reached or Due Date is not set and
 - substance above threshold or no threshold set and "not exempted"
 - substance above threshold or no threshold set and it is "exempted" with exemption set assigned
- Ⓢ Substance is marked "P" (prohibited) with Due Date not reached and
 - substance above threshold or no threshold set and "not exempted"
- Ⓢ Substance is marked "E" (exempted) with Due Date reached or due date is not set and
 - substance above threshold or no threshold set and "not exempted"
 - substance above threshold or no threshold set and it is "exempted" but no exemption set assigned
- Ⓢ Substance is marked "P" (prohibited) with Due Date reached or due date is not set and
 - Substance above threshold or no threshold set and it is "exempted" but no exemption set assigned
- Ⓢ Substance is marked "P" (prohibited) with Due Date not reached and
 - Substance above threshold or no threshold set and it is "exempted" with exemption set assigned
- Ⓢ Substance is marked "E" with Due Date not reached and
 - substance above threshold or no threshold set and "not exempted"
 - substance above threshold or no threshold set and marked as exempted but no exemption set assigned
- Ⓢ Substance is marked "P" with Due Date not reached and
 - substance above threshold or no threshold set and marked as exempted but no exemption set assigned

For the top node Component the system provides by clicking the button [Complete Overview](#) in the Regulations area a

complete overview in a separate window with the following information:

CDX - Compliance Data Exchange

Ingredients **Batteries and packaging** **Confirmation**

View Menu Export

Regulation	Constituent Node	Name	CAS No.	D/P	Limit value / Restricti	Threshold	Entry	Portion	Weight	Ma
AD-DSL	demo component	Mercury	7439-97-6	D	-			0.7142857...	0.25 g	AB
RoHS	demo component	Mercury	7439-97-6	P	0.1%-0.001	0.001		5.0 %	0.25 g	AB
GADSL	demo component	Mercury	7439-97-6	P	--			5.0 %	0.25 g	AB
GADSL	demo component	Extracts (petroleum), ...	64742-04-7	D	-			0.1 %	0.01 g	Ch

Menu Total records found 4

Cancel

CDX - Compliance Data Exchange

Ingredients **Batteries and packaging** **Confirmation**

View Export

Constituent Node	Quantity	Battery type	Weight	Build
No data to display				

Total records found 0

View Export

Constituent Node	Quantity	Packaging type	Weight	Material
No data to display				

Total records found 0

Cancel

CDX - Compliance Data Exchange						
Ingredients		Batteries and packaging		Confirmation		
Regulation	Constituent Node	Regulation complied?	Relevant data provided?	Regulation Version	Valid From	Valid To
No data to display						
						Total records found 0

Ingredients Tab: All regulation relevant Basic Substances are listed for each relevant regulation.

The user can also set and show the details of the exemptions by clicking on the eye icon opens a new window with details about the used Basic Substance with regards to the affected regulation and their restrictions or clicking on plus icon opens the same window to add a new exemption if there are exemptions to be set.

The Regulation Overview tab has been extended to include Level 2 details, which encompass the part number and name of the components.

Batteries and Packaging Tab: All Basic Substances with regards to batteries or packaging are listed.

Confirmation: All compiled regulations will be listed with the information, if all relevant data are provided.

If your company has a valid MDS License, you can also export all information in these tabs to a MS Excel file. The detailed information is also available in the MDS Report you can create for every MDS.

Now we'll continue adding other ingredients.

Attaching a Component – Node

When you attach a Component through Node, the structure will exist only in the tree and not be available for other datasheets. The right side of the screen looks very similar to the right side of the top node:

Details
Expand all
Collapse all

Common Information

Type Component
ID / Version 12882595 / 0.02
Node ID 13038418
MDS Supplier CDX Service Team (Germany)
100% declaration ☐
External SCIP number
Brand
Type
Model

Article Category

Name(s)

Identifier(s)

Dates

Creation date 5/13/2025
Release Date -
Check Date -

Query Lists

Product Business Info

Amounts and Weights

Quantity
Measured weight per item 23.363214 mg
Tolerance +/- 3.0%
Calculated weight per item 23.363214 mg
Deviation 0.0%

Parts Marking

Remark

Attachment

Where used

Regulations

With the exception that you can add a **Quantity** and you do not have a **Remark** area. For a Component Node you have also to confirm the Regulations. Once you have filled in the required information, you need to add child nodes of the desired type.

Attaching a Battery– Reference

When you click on the Battery icon, the process begins similarly to referencing a Component MDS, where user can search for and reference an existing Battery.

Filter Common Regulations (No Filter)

Component 14108733

Add
Move reference/node
Replace
Delete
Replace all by latest available MDS (accepted/released only)
Replace all by latest available MDS
Edit

Component
Battery
Semicomponent
Material
Process
Mixture
Basic Substance

Collapse all
Reference
Type Component
Version 14108733
Node ID 14108733
Count 1
Supplier CDX Service
Regulation ☒

The basic structure mirrors the Component MDS described in the previous section. The primary difference for a Battery MDS is the inclusion of a dedicated Battery Information area. This section requires you to input specific data essential for regulatory compliance and safety standards, such as the EU Battery Regulation.

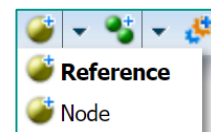
- **Technical Information:** This subsection captures the core performance and physical specifications of the battery (e.g., capacity, energy, voltage, and cell configuration).
- **General & Environmental Information:** This subsection covers classification details, including battery category, chemistry type, and recycling efficiency metrics, as well as supplier identification data.

The screenshot shows the CDX MDS Search interface. The left sidebar lists the search results: Component_14108886, Battery_13675595, and Ca_PL_SemiComp. The main panel displays the details for Battery_13675595. The details are organized into sections: Common Information, Dates, Query Lists, Product Business Info, Amounts and Weights, Parts Marking, Battery Information, Technical Information, General & Environmental Information, Remark, Attachment, Where used, Regulations, and Confirmation. The Technical Information section shows: Capacity (Ah) 110.0, Cell Size (mm) 1, Energy (KWh) 1.0, Cell Shape Button, Voltage (V) 1.0, Tension per cell (V) 10.0, Number of cells per battery 1, and Qualification Standard UL 4200A; UL 62133-1. The General & Environmental Information section shows: Battery Category Portable battery, Rechargeable ☒, Battery type Nickel-Cadmium (NiCd), Recycling efficiency(%) 10.0, and Digital address https://public.cdssystem.com/de/web/cdx. The Confirmation section shows: Regulation, Regulation complied?, and Relevant data provided?.

Attaching a Semicomponent – Reference

A Semicomponent is used to represent a product that is used by length, area, or volume (examples: wire, fabric or metal blank, paint). Similar to attaching a Component, you have two choices – **Reference** or **Node**.

Let's first use a Reference. We have searched out existing Semicomponents and applied, leaving us with a screen similar to the following:



The screenshot shows the CDX MDS Search interface. The left sidebar lists the search results: Component_14108886, Battery_13675595, SemiComponent_14108887, and Ca_PL_SemiComp. The main panel displays the details for Ca_PL_SemiComp. The details are organized into sections: Common Information, Dates, Query Lists, Product Business Info, Amounts and Weights, Remark, Attachment, Where used, Regulations, and Confirmation. The Common Information section shows: Type Semicomponent, ID / Version 12432185 / 1, Node ID 12432185, MDS Supplier CDX Service Team (Germany), 100% declaration ☒, External SCIP number, Brand, Type, Model, and Is Article ☐. The Confirmation section shows: Regulation, Regulation complied?, and Relevant data provided?.

Looking more closely at the right hand side, we see fields that we have seen before:

The only difference is the **Weight** area. With a Semicomponent, you have two choices for entering the weight:

- Enter the weight directly
- Use CDX to calculate the weight (only possible if the specific weight has been entered)

As with the Component, you can enter the weight (possible up to 1 nanogram = 0.000001 mg) and select the units (mg, g, kg, t). Regardless of the display, all weights are stored in grams. To use CDX to calculate the weight, click on the **Calculate** button and a small window will open:

As the Referenced Semicomponent has its specific weight defined in terms of length, you need to enter how many mm, cm, m, in or ft you are using. In this case, we are going to enter .00025 m and then the **Calculate** and at that point, CDX will calculate the weight of this child node.

In looking at the top of the tree, the weight has increased, but is still less than the top node:

Attaching a Semicomponent – Node

When you add a Semicomponent by node, the right hand of the screen requires limited information:

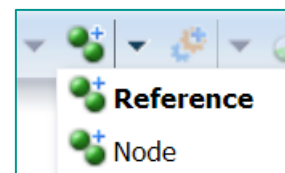
The screenshot shows a web form titled "Details" with expand/collapse controls. The "Common Information" section is expanded, showing "Type" set to "Semicomponent" and an unchecked "Is Article" checkbox. The "Name(s)" section is expanded, showing a text input field with "SemiComponent_14108887" and a red asterisk. The "Identifier(s)" section is collapsed. The "Amounts and Weights" section is expanded, showing a "Weight" input field and a dropdown menu set to "g" with a red asterisk. The "Regulations" section is expanded, showing two sub-sections: "Scope: own company" and "Scope: Recipients", both of which are collapsed.

Since this Semicomponent is only going to exist in this tree, all you have to do is to change the name, enter the weight and select the appropriate measurement (mg, g, kg, t) and confirm the Regulations. Additionally you may add one or more Item or Material Number(s) and/or check the respective box, when your Semicomponent is an Article. The flag "Is Article" for Semicomponents serves for identifying Semicomponents that are considered an article in terms of REACH §33.

If the Semicomponent is not flagged "Is Article" and it is referenced within a Component, the Semicomponent would behave as if it is a Material, and all Semicomponent regulation scope items will be considered at the upper level. Once the flag is set, the Semicomponent would be treated as a Component, and all reporting, analysis and display of Substances within that Semicomponent would be treated accordingly. For example: if a Component contains both a Material and a Semicomponent that hold a Substance each at 0.05 % of the Component weight under a given regulation that defines a threshold of 0.1 %, the Component would be exceeding the threshold and thus be considered non-compliant. If the Semicomponent was flagged "Is Article", the Component would only hold 0.05% of that Substance and compliance status would be compliant. Depending on the amount of that Substance in the Semicomponent, it would be rendered either compliant or non-compliant.

Attaching a Material – Reference

We have already looked at attaching a Material by Reference but since this is going on a Component, the right side is a little different:



Details
Expand all
Collapse all

Common Information

Type Material
ID / Version 1096360 / 1
Node ID 1096360
MDS Supplier CDX Service Team (Germany) (Triple-E Europe)
100% declaration ☐
External SCIP number
Brand
Type
Model
Is Article ☐

Name(s)

Name #MS - Confidential Material Content
Additional Names

Identifier(s)

Dates

Query Lists

Product Business Info

Amounts and Weights

Portion Fix ▼
 %

Classifications

Classification

List	Classification
IMDS	5.5.1: Plastics (in polymeric compounds)

Material Information

Standard Material No. 123.322
Symbol asdf34

Norms / Standards

Recyclate

In this case, you have to enter the Material weight instead of a portion (up to 1 nanogram = 0.000001 mg).

Attaching a Material – Node

Attaching a Material by Node to a Component is similar to Attaching a Node to a Material. The only difference is that you again have to enter a weight instead of a portion:

Details Expand all Collapse all

Common Information

Type Material

Is Article ☐

Name(s)

Name Material_14108888 *

Identifier(s)

Amounts and Weights

Portion Fix *

% *

Classifications

Classification + -

List	Classification
IMDS	7.1: Modified organic natural materials (e.g. lea...
ECHA M...	66363: leather
chemSh...	N711: Wood

Material Information

Standard Material No.

Symbol

Norms / Standards

Norms / Standards + -

Company	Norm	Norm Code

Recycle

Does the material contain recycle? ☐

Content of post-industrial/pre-consumer recycle (see ISO 14021)
Post-Industrial Recyclate that has been diverted from the waste stream during a manufactu...
scrap recycling)

0.0 - 0.0 %

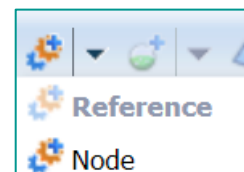
Content of post consumer recycle (see ISO 14021)

And of course, you have to enter the structure of the Material.

Attaching a Substance in Process (Process) – Node

Process object can be added only as a node. Users have the ability to add Process substances below Component or Semicomponent nodes, but it is not possible to add a Process object below another Process object. Process nodes can accommodate multiple Substance and Mixture nodes, providing flexibility in organizing and representing the manufacturing process. Process nodes do not possess their own weight and do not sum up the weights of their child nodes.

When adding a Process by node, only the name of the Process is mandatory on the right-hand side of the screen. Additional process information can be provided as desired.



Details

Common Information

Type Process

Name(s)

Name Process_73865664 *

Process Information

Description

Attaching a Basic Substance

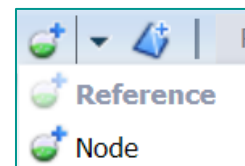
You can only add a Basic Substance as a Reference. After adding, the right side will look similar to the following. Since this Basic Substance is added directly to a component, you will need to enter a weight here:

Since CDX version 6.2 it's only allowed to add substances to materials, no longer to (semi-)components, if Regulations referring to "homogenous material" are in scope of the MDS.

It is possible to include multiple Basic Substances in a single Process object. This functionality allows users to conveniently add and manage multiple Basic Substances within a single process.

Attaching a Mixture

Mixtures can only be added as nodes under a Process object. Users are not able to add a Mixture below any other object type. Multiple Mixture nodes can be added under the same Process node, providing flexibility in managing substances within the process. However, it is not mandatory to include Mixture objects when organizing substances under a Process.



A Mixture node can include multiple references to Basic Substances but cannot contain any other object type. While it is possible to assign a percentage to a Substance within a Mixture, it is not mandatory to do so. Mixture objects do not enforce 100% declaration, and they do not have a percentage field of their own. Therefore, percentages or proportions within a Mixture should be managed separately outside of the Mixture object.

Create a Battery

When you select Battery to create a new datasheet, you will see that the majority of the data entry fields are identical to those described in the previous Component section. The process for building the tree structure, as well as the fields for Common Information, Dates, Amounts etc. function exactly the same way. The only difference in this view is the addition of the Battery Information area. This section is specific to battery datasets and is required to capture the data needed for battery-related regulations.

You must populate the fields in these two subsections:

- **Technical Information:** This subsection captures the core performance and physical specifications of the battery (e.g., capacity, energy, voltage, and cell configuration).
- **General & Environmental Information:** This subsection covers classification details, including battery category, chemistry type, and recycling efficiency metrics, as well as supplier identification data.

The screenshot shows the 'Component Search' tab in the CDX MDS interface. The left sidebar lists 'Component_14108733' and 'Battery_13675590'. The main panel displays the details for 'Battery_13675590'. The 'Details' section is expanded, showing various information categories: Common Information, Dates, Query Lists, Product Business Info, Amounts and Weights, Parts Marking, Battery Information, General & Environmental Information, Remark, Attachment, Where used, Regulations, Scope: own company, Scope: Recipients, and Confirmation. The 'Battery Information' section is further expanded, showing technical specifications: Capacity (Ah) 0.0, Cell Size (mm) 0, Energy (KWh) 0.0, Cell Shape, Voltage (V) 0.0, Tension per cell (V) 0.0, Number of cells per battery 0, and Qualification Standard. The 'Confirmation' section at the bottom shows a table with columns 'Regulation', 'Regulation complied?', and 'Relevant data provided?', with a note 'No data to display'.

Create a Semicomponent

A Semicomponent in some respects is similar to a Material in that it does not have a fixed weight until you attach it to a Component. When you create a Semicomponent either through the MDS > New > Semicomponent or

through the :

The screenshot shows the 'MDS Search' tab in the CDX MDS interface. The left sidebar lists 'SemiComponent_14108889'. The main panel displays the details for 'SemiComponent_14108889'. The 'Details' section is expanded, showing various information categories: Common Information, Article Category, Name(s), Identifier(s), Dates, Query Lists, Product Business Info, Amounts and Weights, Remark, Attachment, Where used, Regulations, Scope: own company, Scope: Recipients, and Confirmation. The 'Common Information' section is further expanded, showing details: Type Semicomponent, ID / Version 14108889 / 0.01, Node ID 14108889, Node Count 1, MDS Supplier CDX Service Team (Germany), 100% declaration ☒, SCIP Compliance ☒, External SCIP number (text field), Brand (text field), Type (text field), Model (text field), and Is Article ☒. The 'Amounts and Weights' section shows 'Specific weight' (text field) and a dropdown menu. The 'Confirmation' section at the bottom shows a table with columns 'Regulation', 'Regulation complied?', and 'Relevant data provided?', with a note 'No data to display'.

Most of the fields are the same as we've seen before. Since Semicomponents are by default not considered articles, you have to decide whether it is an article or not. The flag "Is Article" for Semicomponents serves for identifying Semicomponents that are considered an article in terms of REACH §33. If the Semicomponent is not flagged "Is Article" and it is referenced within a Component, the Semicomponent would behave as if it is a Material, and all Semicomponent regulation scope items will be considered at the upper level. Once the flag is set, the Semicomponent would be treated as a Component, and all reporting, analysis and display of Substances within that Semicomponent would be treated accordingly. For example: if a Component contains both a Material and a Semicomponent that hold a Substance each at 0.05 % of the Component weight under a given regulation that defines a threshold of 0.1 %, the Component would be exceeding the threshold and thus be considered non-compliant. If the Semicomponent was flagged "Is Article", the Component would only hold 0.05% of that Substance and compliance status would be compliant. Depending on the amount of that Substance in the Semicomponent, it would be rendered either compliant or non-compliant.

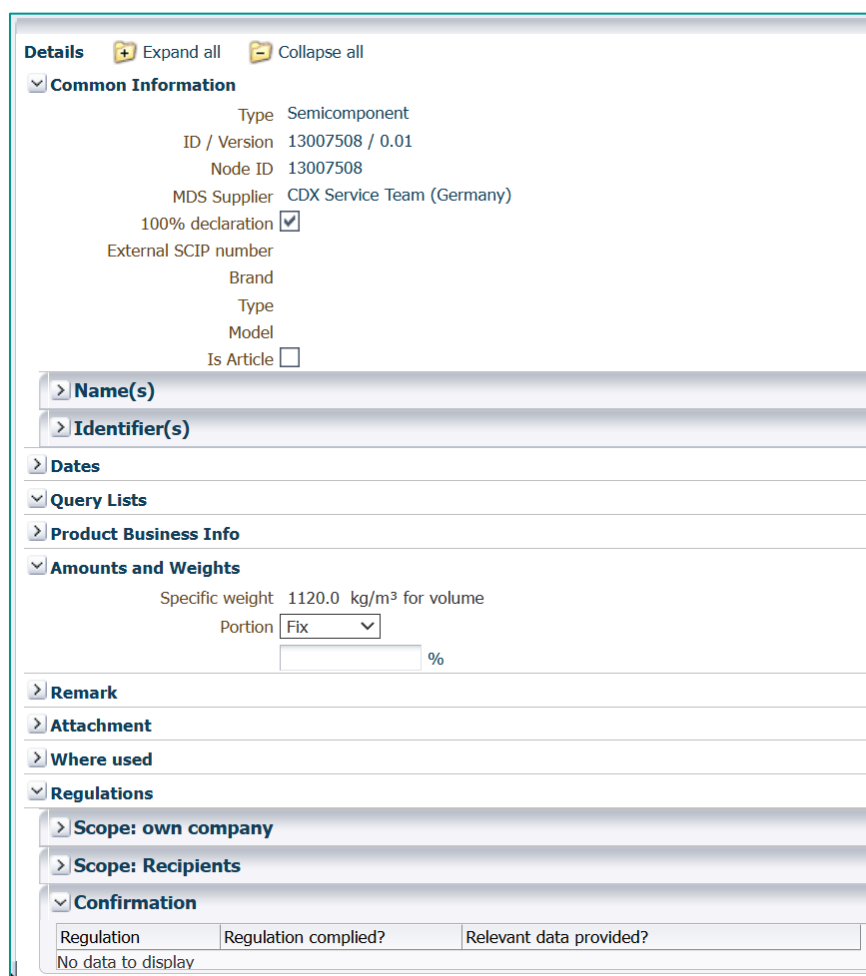
The other difference for Semicomponents is **Amounts and Weights**.

The **Specific Weight** is the weight per unit for the product. It is not required but very useful if sending this to a customer or even for later use in your own organization as it makes it easy to calculate the weight when adding to a Component.

Once you've given it a proper name (and optional Specific Weight), it is time to add ingredients through the buttons on the upper right (  ) or the Regulation Wizard, which will be described later. Please consider the already described behaviour for substances: It's only allowed to add substances to materials, no longer to (semi-)components, if Regulations referring to "homogenous material" are in scope of the MDS.

Attaching a Semicomponent – Reference

Attaching a Semicomponent to a Semicomponent is similar to attaching a Semicomponent to a Component. The difference is that instead of needing a weight, you need a portion or percentage:



Details  Expand all  Collapse all

☒ **Common Information**

Type Semicomponent

ID / Version 13007508 / 0.01

Node ID 13007508

MDS Supplier CDX Service Team (Germany)

100% declaration ☒

External SCIP number

Brand

Type

Model

Is Article ☐

Name(s)

Identifier(s)

Dates

☒ **Query Lists**

Product Business Info

☒ **Amounts and Weights**

Specific weight 1120.0 kg/m³ for volume

Portion %

Remark

Attachment

Where used

☒ **Regulations**

Scope: own company

Scope: Recipients

☒ **Confirmation**

Regulation	Regulation complied?	Relevant data provided?
No data to display		

Attaching a Semicomponent – Node

When you attach a Semicomponent by Node, the information you have to supply is:

Just as if you attach by reference, it is expected that you enter a portion or percentage of the Semicomponent this product represents. Additionally, you can enter one or more Item or Material Number(s), flag the Semicomponent as “Is Article” if necessary, and you have to change the name. For a Semicomponent Node, you have also to confirm the Regulations.

Attaching a Material – Reference

As discussed earlier, you can add a Material by reference and the right side will be similar to below:

As with the Semicomponent, you need to add the **Amounts and Weights**-Portion. This is the percentage of the top node this Material represents. Additionally, if the Material contains recycled content, you can enter the information in the **Recyclate** area.

Attaching a Material – Node

When you attach a Material by Node you get a screen similar to the following:

As with the Semicomponent, you need to add the **Amounts and Weights**-Portion. This is the percentage of the top node this Material represents. Additionally, if the Material contains recycled content, you need to enter the information in the **Recyclate** area.

Attaching a Substance in Process (Process) – Node

The Semicomponent only allows adding Process objects as nodes. Process nodes themselves do not have weights and do not contribute to the sum of their child nodes' weights. When adding a Process node, you are required to provide the Process name on the right-hand side of the screen. You can optionally include additional process information as needed.

Attaching a Basic Substance

You can only add a Basic Substance as a Reference to the Material, Process or Mixture. It is not allowed to add Basic Substance directly under Semicomponent. After adding, the right side will look like the following. You will need to enter a portion instead of a weight here:

Details
Expand all
Collapse all

Common Information

Type Basic Substance
CAS No. 110-46-3
Einecs-No. 203-770-8
IAEG Code
EU-Index 007-020-00-9
ECHA Substance ID
ECHA Substance Name
ECHA Iupac Name
ECHA CAS Name
Confidential ☐

Name(s)

Name(s) "amyl nitrite", mixed isomers

Identifier(s)

Amounts and Weights

Portion Fix %

Basic Substance group/list

Basic Substance group/list Flammable substances
GADSL
GADSL: Declarable
HKC relevant Backup_20161026
Nitrites

Process Chemical

Process Chemical No

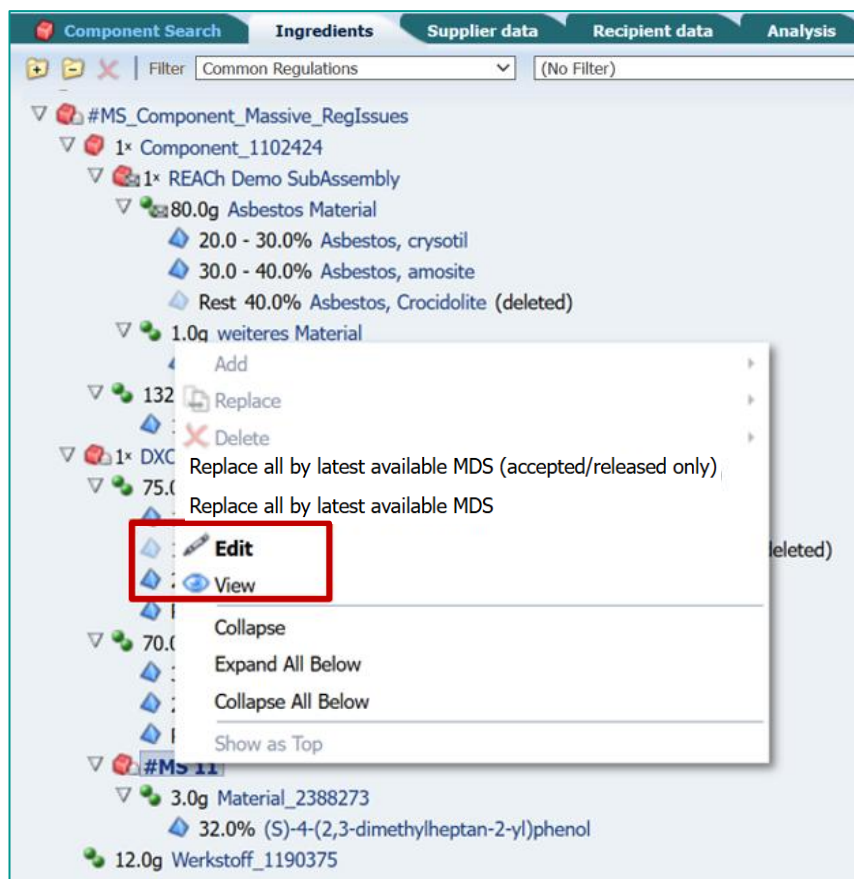
Since CDX version 6.2 it's only allowed to add substances to materials, no longer to (semi-)components, if Regulations referring to "homogenous material" are in scope of the MDS.

Attaching a Mixture

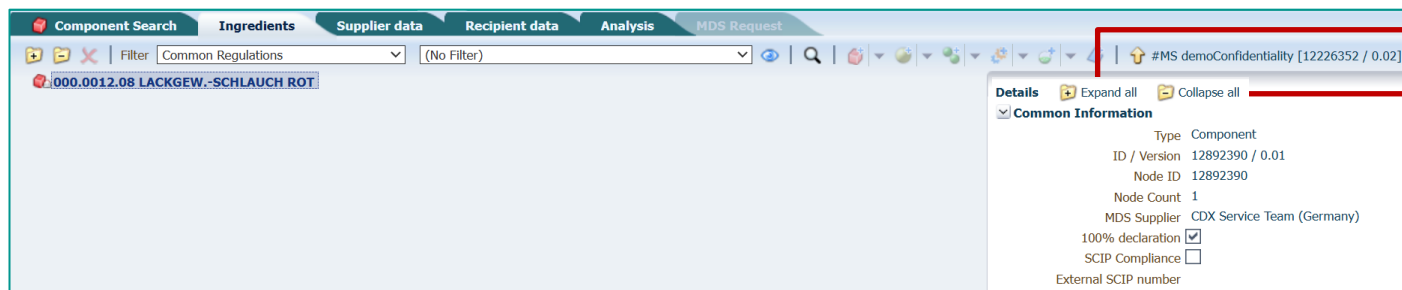
Similar to Components, in the semicomponent node, Mixtures can only be added as nodes under a Process object. User has the flexibility to add multiple Mixture nodes under the same Process node. However, it is not mandatory to include Mixture objects when organizing substances under a Process.

Managing MDS Structure

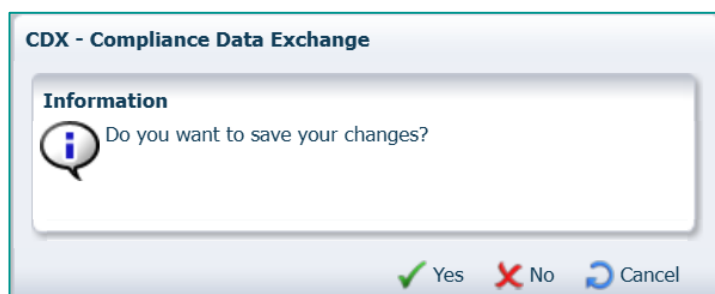
MDS structures can be complex and may include references to other MDSs. Users can review details about a referenced MDS object by using the view or edit functions. To access these functions, select the referenced object and click on edit or view. Note that for the Edit function, the MDS must not be in a released state.



The system will then open this object as the top node. Users can continue this process to navigate through multiple levels of objects. A Back button appears at the top of the screen for returning to previous nodes.



When returning to a previous node, the system prompts users if there are unsaved changes. Saving these changes maintains the navigation chain. If changes remain unsaved, the current navigation path will be lost.



The Where-Used table provides additional navigation options. Referenced MDS objects are highlighted in bold font within the table. Users can open a referenced MDS by double-clicking its row. The Node Count column shows the number of nodes in each MDS.

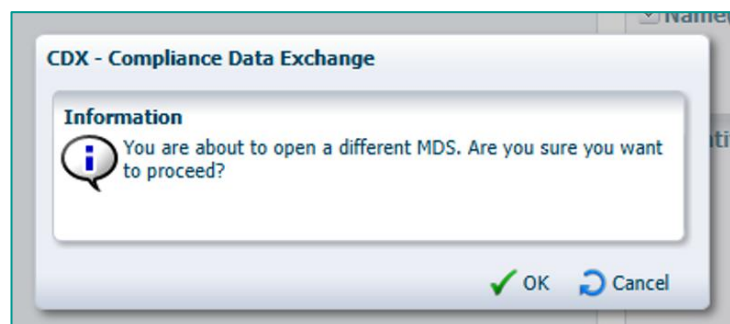
Where used

View Export

Name	Number	ID / Version	Node Count	Amount / Weight / Percent
#MS_Component_Massive_RegIssues	dfasdfasd	1102196 / 0.01	22	1
#MS_Component_Massive_RegIssues	dfasdfasd	1196093 / 0.01	26	1
Copy_#MS_Component_Massive_RegIssues	dfasdfasd	10632143 / 0.01	22	1

Total records found 3

When a user tries to access another MDS while an existing chain is open, a notification will appear to confirm this action. This feature helps prevent unintended navigation away from ongoing work and ensures users are aware when switching between different MDS structures.



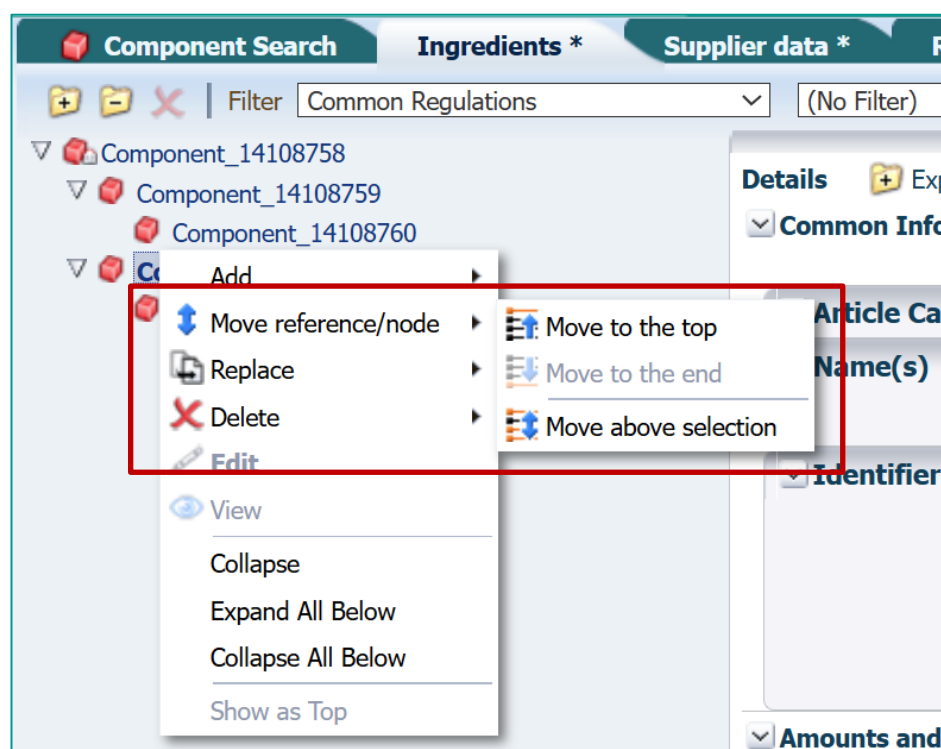
Changing the order of items in the Ingredients tree

For Components, Semicomponents and Materials, the display order of child nodes on the same hierarchy level can be adjusted. Re-ordering is restricted to siblings under the same parent; nodes cannot be moved to a different level, and the sequence of Basic Substances within a Material remains fixed.

Re-ordering is available via the context menu on the tree node. By choosing **Move reference/node**, the following options are provided:

- **Move to the top** – positions the selected node as the first child of the current parent.
- **Move to the end** – positions the selected node as the last child of the current parent.
- **Move above selection** – inserts the selected node directly above another node on the same level.

The function changes only the visual and logical order in the tree; it does not modify composition, weights or regulatory data. To prevent accidental changes, re-ordering is intentionally limited to the right-click menu.



Create an MDS Tree Structure with the Regulation Wizard

Companies collect information about different regulations, which are relevant for their products. There are different regulations which, depending on the industry, product type, country, etc., regulate ingredients, i.e. prohibit them completely or only allow them in some circumstances. To comply with your client's regulation requirements, you can use the Regulation Wizard to create your MDS tree structure with regulation relevant Basic Substances.

Using the Regulation Wizard is suggested for all companies supplying to Bosch.

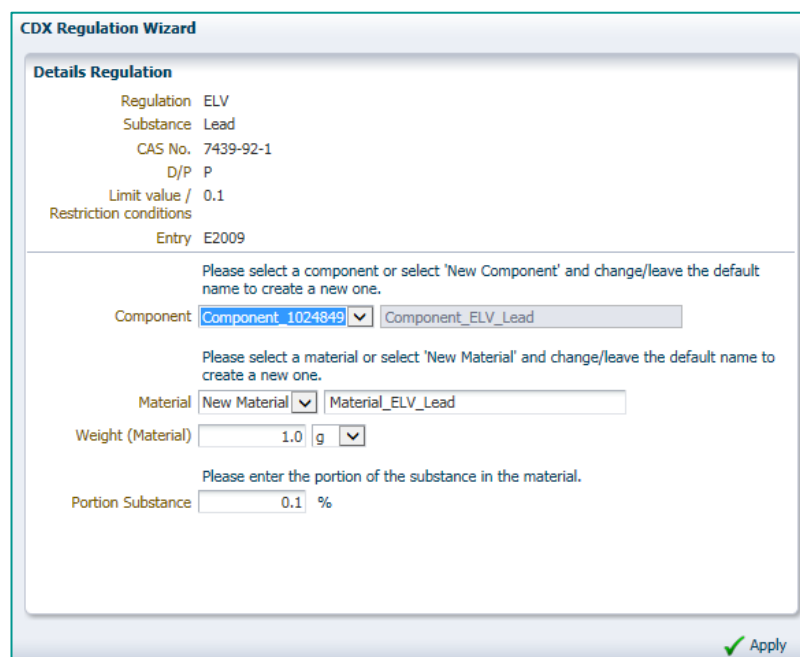
When you start the Regulation Wizard you have to select the company you want to submit your MDS to. The system shows you what regulations you need to be compliant with especially for this recipient company and guides you through those regulations and the required information. In our example we create a Component MDS, and the company requires information related to the common ELV, GADSL and Packaging regulations:

Clicking  brings you to the details for the regulation ELV, where you can add (only) ELV relevant Substances:

You can search for ELV relevant Basic Substances using CAS No., Name/Synonym, EU-Index or Einecs-No. If your company has a valid MDS License, you can export data from the search screen into a MS Excel file: either

the search results by using the  **Export** button or all Basic Substances relevant to this regulation by using the  **Export all** button.

Please select the needed Basic Substance and click on  **Apply**. A new window opens with regulation details and information about the place in the tree structure, where the Basic Substance should be included:



CDX Regulation Wizard

Details Regulation

Regulation ELV
 Substance Lead
 CAS No. 7439-92-1
 D/P P
 Limit value / 0.1
 Restriction conditions
 Entry E2009

Please select a component or select 'New Component' and change/leave the default name to create a new one.

Component

Please select a material or select 'New Material' and change/leave the default name to create a new one.

Material

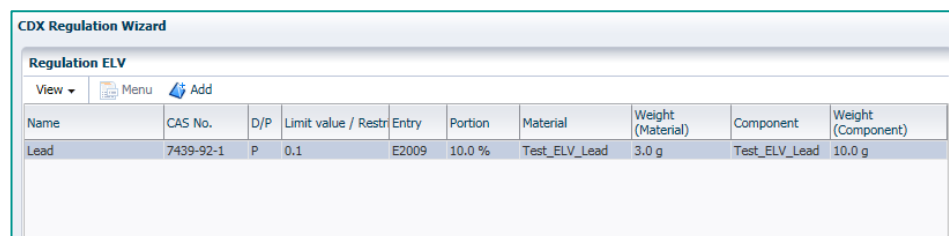
Weight (Material)

Please enter the portion of the substance in the material.

Portion Substance %

 **Apply**

Here you need to define/select the parent Component and Material node for your Basic Substance. You can select existing nodes or create new nodes. You can leave the default names for the nodes or create new names. Additionally, you have to enter the weight (for the Material and for a new Component, up to 1 nanogram = 0.000001 mg) and the portion of the Basic Substance in the Material. For our example we entered the following information:



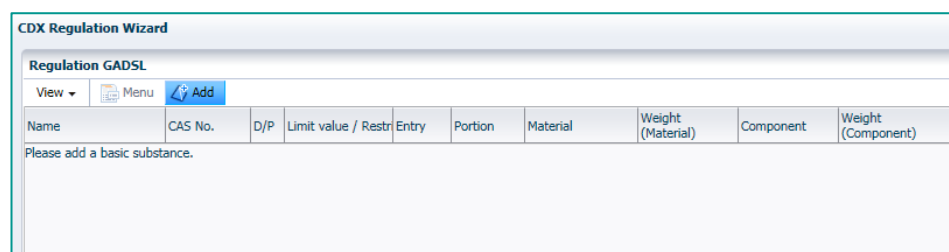
CDX Regulation Wizard

Regulation ELV

View   **Add**

Name	CAS No.	D/P	Limit value / Restr	Entry	Portion	Material	Weight (Material)	Component	Weight (Component)
Lead	7439-92-1	P	0.1	E2009	10.0 %	Test_ELV_Lead	3.0 g	Test_ELV_Lead	10.0 g

You can add more Basic Substances and need to click  **Apply**, when you finished adding Basic Substances. The tree structure in the background has been adapted. Click  **Next** to come to the next regulation. In our case, the regulation GADSL is shown – here you can add GADSL relevant Basic Substances:



CDX Regulation Wizard

Regulation GADSL

View   **Add**

Name	CAS No.	D/P	Limit value / Restr	Entry	Portion	Material	Weight (Material)	Component	Weight (Component)
Please add a basic substance.									

When you select a Basic Substance and click on  **Apply**, the wizard shows the tree structure details for this GADSL Substance – which you can leave or change as seen before:

CDX Regulation Wizard

Details Regulation

Regulation: GADSL
 Substance: Chromium, ion (Cr 6+)
 CAS No.: 18540-29-9
 D/P:
 Limit value / Restriction conditions:
 Entry:

or select 'New Component' and change/leave the default

Component: Component_1024849 Test_ELV_Lead New Component Component_GADSL_Chromium, ion (...)

Weight (Component): g

Please select a material or select 'New Material' and change/leave the default name to create a new one.

Material: New Material Material_GADSL_Chromium, ion (...)

Weight (Material): g

Please enter the portion of the substance in the material.

Portion Substance: %

[Apply](#)

Since we created for the ELV Substance a new Component “Test_ELV_Lead” with a new Material “Test_ELV_Lead”, we can include our GADSL Substance now into

- the top node Component_xxxxx or
- the Test_ELV_Lead or
- a new Component

Please select or create the corresponding node and enter weight and portion, where required.

Last, we search our Packaging Substance in the next window, give the required information and click then on [Apply](#). Our newly created Component is now structured as follows:

The screenshot shows the 'Component Search' tab with a filter set to 'Common Regulations'. The left sidebar lists a tree structure under 'Component_1093421', including 'Test_Material_ELV_Lead' and 'Material_ELV_Lead'. The main panel displays details for 'Component_1093421'.

Details Expand all Collapse all

Common Information

- Type: Component
- ID / Version: 12943468 / 0.01
- Node ID: 12943468
- Node Count: 10
- MDS Supplier: CDX Service Team (Germany)
- 100% declaration: ☐
- SCIP Compliance: ☐
- External SCIP number:
- Brand:
- Type:
- Model:

Article Category

Name(s)

Identifier(s)

Dates

- Creation date: 12/13/2024
- Release Date: -
- Check Date: -

Query Lists

Product Business Info

Amounts and Weights

Parts Marking

Remark

Attachment

Where used

Regulations

Complete Overview

Scope: own company

Scope: Recipients

Confirmation

The Regulations area for our first node “Test_ELV_Lead” shows the following information:

The screenshot shows the 'Component Search' tab with a filter set to 'Common Regulations'. The left sidebar lists a tree structure under 'Component_200319562', including 'Test_ELV_Lead' and 'Material_200319565'. The main panel displays the 'Regulations' section for 'Component_200319562'.

Regulations

Scope: own company

AD-DSL

Version: 4, Valid From: 12/04/2019 - Valid To: 12/23/2020

D/P	Limit value / Restricti	Threshold	Entry	??? MAX_PO	Weight	Material	Exemption
		0%				Material_20...	+

ELV

Version: 6, Valid From: 06/10/2020 - Valid To: 06/22/2021

D/P	Limit value / Restricti	Threshold	Entry	??? MAX_PO	Weight	Material	Exemption
P	0.1%	0%	E2009	10.0 %		Material_20...	Batteries

RoHS

Version: 10, Valid From: 09/14/2020 - Valid To:

EC Declaration of Conformity attached ☐

Statement of manufacturer for RoHS attached ☐

D/P	Limit value / Restricti	Threshold	Entry	??? MAX_PO	Weight	Material	Exemption
P	0.1%	0.1%		10.0 %		Material_20...	+

Clicking on the eye symbol in one of the regulation tables on the right-hand side opens a new window with details about the basic substance used regarding the regulation in question and its restrictions, or clicking on the plus symbol opens the same window to add a new exception:

CDX

Details

Regulation RoHS
 Name Lead
 CAS No. 7439-92-1
 D/P P
 Limit value 0.1%-0.001
 /
 Restriction conditions

Entry
 Portion 10.0 %
 Weight
 Material Material_200319565

Exemption

ID	No.	Exemption	Scope
		unknown	

Apply Cancel

Since we entered a portion of 10 % (0.3 g) for the Lead in our Test_ELV_Lead structure, and the RoHS regulations allows only a portion of 0.1, we should include an Exemption. By clicking on the looking glass icon in the Exemption table above you will get the following screen, where you can choose the appropriate exemption:

CDX

Exemption

Liste

- RoHS ANNEX III Rev 2.0 Table B2
- RoHS ANNEX IV Rev 1.0 Table B4
- RoHS exemptions, IPC-1752 v1.1 Table B5
- RoHS exemptions, pre 09/20/2010 Rev 1.0 Table B3

ID	No.	Exemption	Scope
400...	11(a)	Lead used in C-press compliant pin connector systems Expired 24 September 2010	Applicable to all Product Categories
400...	11(b)	Lead used in other than C-press compliant pin connector systems Expired on 1 January 2013	Applicable to all Product Categories
400...	12	Lead as a coating material for the thermal conduction module C-ring Expired on 24 September 2010	Applicable to all Product Categories
400...	13(a)	Lead in white glasses used for optical applications Remains valid for all categories due to renewal request on 28 November 2019	Applicable to all Product Categories
400...	13(b)-...	Lead in ion coloured optical filter glass types Valid from 6 July 2018 Remains valid due to renewal request on 28 November 2019	Applicable to Product Categories 1 to 7 and 10
400...	16	Lead in linear incandescent lamps with silicate coated tubes Expired on 1 September 2013	Applicable to all Product Categories
400...	17	Lead halide as radiant agent in high intensity discharge (HID) lamps used for professional reprography applications Expired on: 21 July 2016 for categories 1-7 and 10 Expired on: 21 July 2021 for categories 8 and 9 other than in vitro and industrial Expired on: 21 July 2023	Applicable to all Product Categories

Apply Cancel

The exemption will be included in the respective Regulations table:

Regulations

Scope: own company

AD-DSL
Version: 4, Valid From: 12/04/2019 - Valid To: 12/23/2020

D/P	Limit value / Restriction	Threshold	Entry	MAX_PO	Weight	Material	Exemption
		0%				Material_20...	

ELV
Version: 6, Valid From: 06/10/2020 - Valid To: 06/22/2021

D/P	Limit value / Restriction	Threshold	Entry	MAX_PO	Weight	Material	Exemption
P	0.1%	0%	E2009	10.0 %		Material_20...	Batteries

RoHS
Version: 10, Valid From: 09/14/2020 - Valid To:

EC Declaration of Conformity attached ☐

Statement of manufacturer for RoHS attached ☐

D/P	Limit value / Restriction	Threshold	Entry	MAX_PO	Weight	Material	Exemption
P	0.1%	0%		10.0 %		Material_20...	Lead in sold...

Exemption texts are defined directly by law and reproduced in CDX for documentation purposes only. CDX does not modify or interpret exemptions. When the Check routine identifies a substance above the legal threshold, an information message is displayed indicating that an applicable exemption should be selected in the Scope: Recipients tab.

1	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Arsenic 7440-38-2 is not allowed to be used at more than a limit of 0%. Please verify.
2	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Lead 7439-92-1 is not allowed to be used at more than a limit of 0%. Please verify.
3	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Nickel 7440-02-0 is not allowed to be used at more than a limit of 0%. Please verify.
4	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Arsenic 7440-38-2 is not allowed to be used at more than a limit of 0%. Please verify with company 'Danfoss A/S [8059]'.
5	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Lead 7439-92-1 is not allowed to be used at more than a limit of 0%. Please verify with company 'Danfoss A/S [8059]'.
6	Ingredients	CuZn36Pb2As	Under REACH Annex XVII Substance Nickel 7440-02-0 is not allowed to be used at more than a limit of 0%. Please verify with company 'Danfoss A/S [8059]'.
7	Ingredients	CuZn36Pb2As	Under RoHS substance Lead 7439-92-1 must be exempted if used at more than a limit of 0.1%. Please verify continued use with company 'Danfoss A/S [8059]'.

If it is not clear which exemption applies to the end application of the supplied product, the exemption field should be left empty. The downstream company is then responsible for the application-specific assessment. Selecting an incorrect exemption should be avoided, as it results in incorrect compliance documentation. To edit or delete an exemption that has already been set, select the entry in the regulation table, right-click and choose **Edit** or **Delete** from the context menu.

CDX

Details

Regulation ELV-IMDS

Name Lead

CAS No. 7439-92-1

D/P D

Limit value / Restriction conditions

Entry

Portion 2.8 %

Weight 1.96 g

Material CuZn36Pb2As

ID	No.	Exemption	Scope
1330	48	7(c) - Bonding agent for elastomers in powertrain applications	Lead or its compounds

Exemption

Edit

Delete

When all exemptions have been set, the Confirmation area at the top node level requires answering two questions for each regulation in scope:

- **Regulation complied?** – Select **Yes** if the supplied material complies with the regulation based on material and substance knowledge. This is the expected answer in most cases and applies even when the final end application is unknown. Select **No** only if a restricted substance is present above the legal limit. Do not select **No** solely because the end application is not known. Select **Product Not Affected** if the regulation does not apply to the supplied product, for example because the product category is outside the regulatory scope.
- **Relevant data provided?** – Select **Yes** if any relevant data has been provided, such as substance composition or an SVHC declaration. Select **No obligation to declare** if the regulation does not require supporting data for the supplied product or the product is out of regulatory scope. Select **Other declaration format used** if compliance information has been provided outside CDX, for example via a separate supplier declaration, certificate or contractual statement.

Note: For regulations such as REACH Annex XVII, where restrictions depend on the final end use, selecting **Yes** for both fields is correct. The supplier declares material-level compliance; the downstream user is responsible for the application-specific assessment.

This is only possible for Component and Semicomponent MDSs in edit mode. If your client requires the confirmations and you have not answered completely, the check routine will result in an error message.

Regulation	Regulation complied?	Relevant data provided?
AD-DSL	Please select appropriate value	Please select appropriate value
Demo_Regulation_2	Please select appropriate value	Please select appropriate value
Demo_Regulation_3	Please select appropriate value	Please select appropriate value
ELV	Please select appropriate value	Please select appropriate value
GADSL	Please select appropriate value	Please select appropriate value
Packaging	Please select appropriate value	Please select appropriate value
REACH Annex XIV	Please select appropriate value	Please select appropriate value
REACH Annex XVII	Please select appropriate value	Please select appropriate value
RoHS	Please select appropriate value	Please select appropriate value

Updating MDSs

CDX users have the option to identify supplier MDS updates when the supplier MDS is used within the user company's MDSs. This feature lists supplier-updated MDSs, and names the specific owned or published MDSs. These reference an older version of the supplier-updated MDS. This operates similar to a "Where-used" analysis, except CDX automatically generates this content and displays it immediately when a user enters this screen and executes this search (default: search for all new supplier entries).

In the update screen, the user can search for specific IDs or names of parts, or filter the list for the MDS type (own/published/accepted). The search result is limited to 500 entries.

Note: Updates to this list are processed asynchronously (similar to the **Where-used analysis**). Therefore, changes are not immediately visible.

The update process takes two steps. In the first step, the update itself is done by replacing the old references with the new ones, followed by the second step: the check procedure. If the check result does not contain error messages, the MDS can then be released. Otherwise, the MDS can be processed manually to correct the errors. For your convenience, multiple MDSs can be processed (updated and released) at the same time.

- The old version for published or owned MDSs is the previous version number
- The old version for accepted MDSs is the previously accepted version number

Every company can use the update search without running an analysis. Processing the list entries can be stopped and then started again later until all entries are processed. The update list will only be generated for new updates which occur after this design has been implemented. No retroactive analysis is done for legacy data that was previously updated.

When using the MDS update functionality to create new versions of MDSs, the updated references will be replaced accordingly. However, a new version can still be created with the existing CDX functionality. The check procedure will determine whether relevant updates of referenced MDSs are available. If so, a warning message

for the relevant referenced MDS will display. When the system detects an old version and the user wants to replace it, the replace button will automatically locate the old version and replace it with the current version.

The MDS update screen is integrated into CDX in the Functions menu. After the user selects the **Functions -> MDS updates** menu option, the MDS Updates screen is shown, providing information about the old and new version of an MDS and in which MDS(s) it is referenced. As with other CDX screens from the update list, an MDS can be viewed and edited in different tabs.

Multiple releases are possible. To update several MDSs at once, select several rows in the table by holding down the control or the shift key while selecting. This multiple selection is then relevant for the update, release and remove actions. For all other actions (View old own MDS, Edit updated own MDS, view new/old reference), only one entry should be selected. If more than one entry is selected, the first entry will be used for this action.

Also, the old and new versions of the referenced MDS are displayed to allow user verification of the pending update. If the user decides that the change is not relevant and does not want to create a new version, it can be removed from the update list.

Navigating the Ingredients screen

Navigating the Tree

At the top of the Ingredients screen you will see the following controls:

Field Name	Description	Icon
Expand All	This button expands the complete structure below the node that is highlighted when the button is activated.	
Collapse All	This button collapses the structure below the node that is highlighted when the button is activated.	
Filter	You can use Regulations (common or company specific) or a Basic Substance List (Global or Company Specific) to filter the tree structure.	
Filter Selection	Here you select which Regulation or Basic Substance List should be used to filter. This gives you more information about the Basic Substances in your tree structure depending on the selected filter. Basic Substances from the selected group will be displayed in a different color in your structure.	
View Basic Substance List Details	When a Regulation or Basic Substance Group is active in your Filter you can use this button to see all available details for the chosen list.	

Field Name	Description	Icon
Tree Search	This button activates the Tree Search function where you can search your tree for a Name, Number, MDS ID, Node ID, or CAS No..	
Delete All Nodes	This button will discard the full structure of a given own MDS in edit mode but will keep the parent node.	

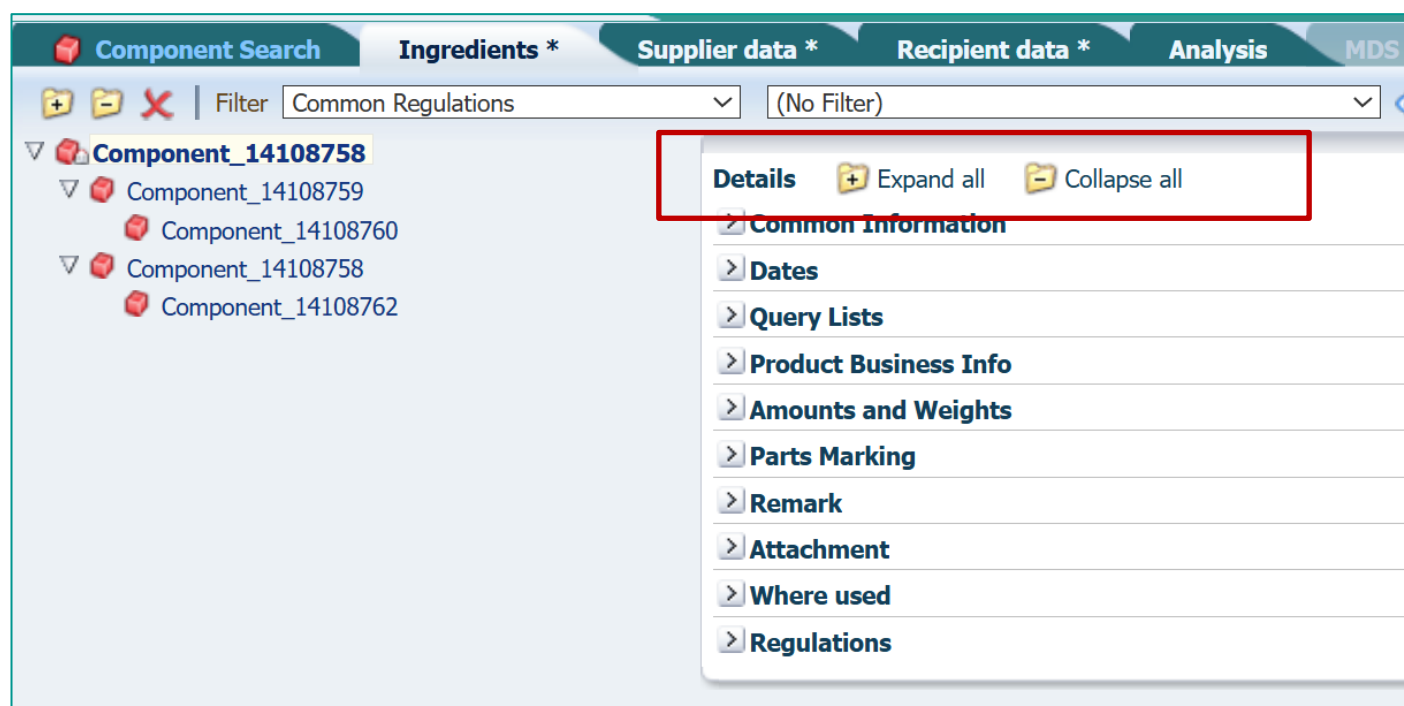
Navigating the Details panel

The right-hand side of the Ingredients screen displays the Details panel for the node that is selected in the tree. This panel is organised into collapsible sections such as Common Information, Dates, Query Lists and Regulations.

To improve navigation in the Details panel, two buttons are available in the header next to Details:

- **Expand all** – expands all sections in the Details panel.
- **Collapse all** – collapses all sections to a compact view.

These functions only affect the sections inside the Details panel and do not change the tree structure on the left-hand side. The behaviour of the sections themselves remains unchanged; the buttons simply provide a single action to expand or collapse all of them at once.



Supplier Data Screen

Regardless of which type of MDS you are going to send, all have the Supplier Data Screen. This screen gives your customer information regarding the contact outside of CDX should there be questions about the entry. Since every MDS must have a contact, the default is the first contact assigned to your company. In case a MDS was imported from IMDS, IMDS supplier name and contact person is shown as well.

The Supplier Data Screen looks similar to the following:

This is NOT a text editable screen. All the information is drawn from users flagged as Contact Persons by your Company Administrator. If there is missing or incorrect information, the Company Administrator must correct it on the Administration screens. You select the appropriate contact from the drop-down list. The CDX system then goes to the Contact List for your company and displays the Email, Telephone information stored in the system. If the information is incorrect, the individual can correct it on the Administration > Personal Settings function. Once you have made certain the correct contact is on this page, you can move onto the Recipient Data Screen.

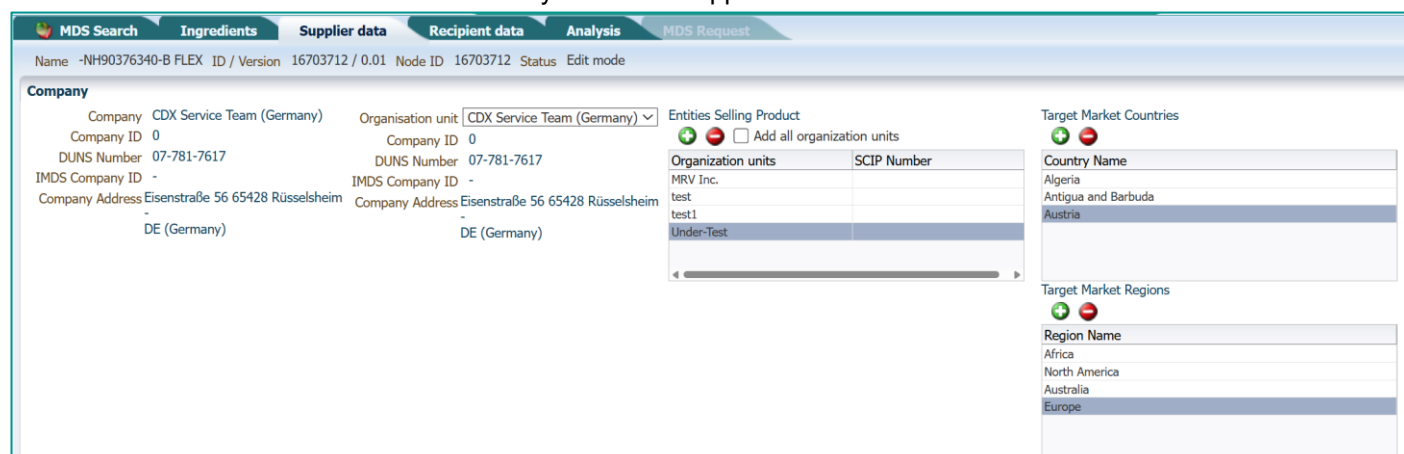
Organizational Unit: With the help of a selection list, an MDS can be linked to more than one OrgUnit. In addition, there is an option to flag "Add all organizational units".

All OrgUnits appear in the table, or the user selects any OrgUnit of the root company he belongs to. You can add one or more organization units by  above the table or remove any with . Company Administrators can select all OrgUnits. This new relationship between datasheet and OrgUnit Ids persists with the new MDS version, but not with a copy of an MDS. This is not visible at the recipient of the MDS in the supplier information. Here only active OrgUnits are displayed for selection.



SCIP Number: This is per MDS / OrgUnit combination. These are needed for the SSN (SCIP Simplified Notification) feature of SSN per Sales Entity. Additionally, SCIP numbers are not manually editable.

In another column, the target markets (countries and regions) are shown so that the provider can add any number of countries and select any regions as target markets. These two tables can be edited at any time, even after the MDS has been released. These new tables are only visible for suppliers to edit and view.



Recipient Data Screen

A Recipient is which CDX company you're going to send or propose this data. It cannot be your own company and if the recipient has Org Units, only one Org Unit of the company can appear in the Recipient list for an ID/Version combination. If more than one Org Unit requires submission, you would either Save As/new MDS or Save As/new version to create another MDS to send to them.

The following table gives the definition of the Recipient Data Screen icons:

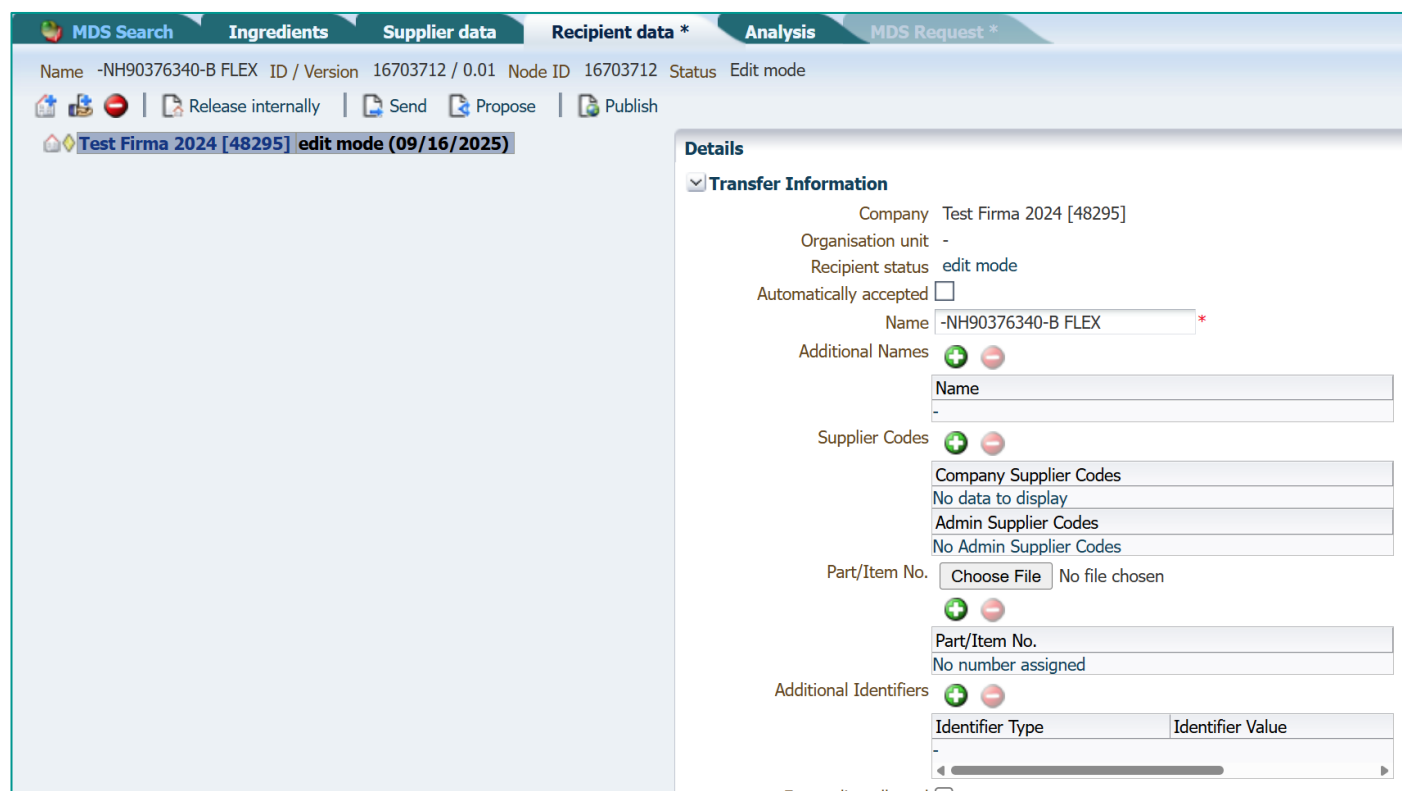
Icon	Action Name	Description
	Add Recipient	This button opens the company search screen where you can find your recipient. Only companies registered in CDX can be found in the company search screen. If you want to search also for Org Units, please unmark the field "only root companies".
	Assign MDS Request	This button allows you to assign this MDS to an open MDS Request (see section on MDS Request).

Icon	Action Name	Description
	Remove Recipient / Request	When a Recipient or Request is highlighted, this button will not be greyed out and you can use it to remove a Recipient or the MDS from a Request.
 Release internally	Release Internally	This button starts the Release process. When an MDS is released, no changes can be made to the Ingredients or Supplier Data page.
 Send	Send	If the MDS has not been released internally and there is only one recipient, this button will not be greyed out and begins the send process. If Send is used, changes can only be made in Recipient Data screen.
 Propose	Propose	If there is at least one recipient in the Recipient list that has not received the MDS, this button will not be greyed out. This button initiates the Propose activity which includes internally releasing the MDS so no more changes can be made except to add Recipients.

Adding a Recipient

When you click on the Add Recipient button, a search will begin so you can find your CDX Recipient. After finding your recipient, you click on the  button and the recipient will be added.

After selecting a recipient and double clicking on it, a screen similar to the following appears:



The screenshot shows the 'Recipient data *' tab in the CDX application. The top navigation bar includes 'MDS Search', 'Ingredients', 'Supplier data', 'Recipient data *', 'Analysis', and 'MDS Request *'. Below the navigation bar, the header displays 'Name -NH90376340-B FLEX ID / Version 16703712 / 0.01 Node ID 16703712 Status Edit mode'. A toolbar contains icons for 'Release internally', 'Send', 'Propose', and 'Publish'. The main content area shows 'Test Firma 2024 [48295] edit mode (09/16/2025)'. On the right, the 'Details' panel is expanded to 'Transfer Information', showing fields for 'Company' (Test Firma 2024 [48295]), 'Organisation unit' (-), 'Recipient status' (edit mode), 'Automatically accepted' (checkbox), 'Name' (-NH90376340-B FLEX), 'Additional Names' (add/remove buttons), 'Supplier Codes' (add/remove buttons), 'Part/Item No.' (Choose File, No file chosen), and 'Additional Identifiers' (add/remove buttons). The 'Identifier Type' and 'Identifier Value' fields are also visible.

Let's take a closer look at the right side of the screen:

Once the supplier code is added the user can select Part/Item numbers valid to given supplier numbers for recipients that have a supplier number part number matching by using a part number lookup dialog.

Whenever a supplier number / part number mapping is configured, direct (manual) entry of part numbers is no longer allowed. Instead setting part numbers will only be possible after having set one or more (valid) supplier numbers from the below dialog.

The screenshot shows the 'Details' section of the CDX interface. Under the 'Transfer Information' tab, the following fields are visible: 'Company' (Test Firma 2024 [48295]), 'Organisation unit' (-), 'Recipient status' (edit mode), and 'Automatically accepted' (checkbox). An 'Add new number' dialog box is open in the foreground, featuring a 'Value' input field with a red asterisk indicating a required field, and 'Apply' and 'Cancel' buttons. Below the dialog, there are sections for 'Admin Supplier Codes' and 'No Admin Supplier Codes', and a 'Part/Item No.' section with a 'Choose File' button and 'No file chosen' text.

If the selected supplier code is to be removed and this supplier code has associated part numbers for the configured recipient, the confirmation message below will be displayed.

The screenshot shows a dialog box titled 'CDX - Compliance Data Exchange'. It contains a warning icon and the text: 'DELETE_SUPPLIER_CODE. You are about to remove a supplier number that has associated part numbers for this recipient. If you confirm, those part numbers are removed as well.' At the bottom, there are 'OK' and 'Cancel' buttons.

A new section has been added to show the target markets (countries and regions) so that recipients can add any number of countries and select any regions as their target market.

These new tables are only visible for recipients to edit and view.

Field Name	Description	Required?
Company	System generated from your recipient search selection. This displays the CDX company name and the CDX Company ID.	N/A
Organisation Unit	System generated from your recipient search selection. If you have selected an Organisation Unit, the name of the Organisation Unit and the CDX number is displayed here.	N/A
Recipient Status	The status of the MDS: <i>Edit mode</i> means it has not been sent and the recipient cannot view. <i>Modified</i> means that the MDS has been rejected and you are making corrections – you must either send or propose to get it back to your recipient. <i>Not yet Browsed</i> means your recipient has not yet seen it. <i>Browsed</i> means that your recipient has seen it but not yet accepted or rejected. <i>Accepted</i> means that your recipient has accepted your submission. <i>Rejected</i> means they have viewed and decided not to accept and there must be a reason on the page.	N/A
Automatically accepted	A check box indicating whether the MDS has been accepted by the job or manually by the user.	N/A
Name	This is the name under which your recipient purchases your product. It does not matter what the name of the product is on the Ingredients tab, this is the value they will see.	Yes

Field Name	Description	Required?
Additional Names	This is an additional name under which your recipient purchases your product. You can add one or more name(s) here by using  above the table. Remove all with one click on  , without selecting any additional names. A confirmation message will be displayed to confirm delete all additional names or export the names from the table with  into a text file. It does not matter what the additional name(s) is (are) on the Ingredients tab, this is the value the recipient will see.	Optional
Company Supplier Codes	The Supplier Code is how your client tracks your information in their system. Sometimes a DUNS number is used and sometimes they may have a special coding system. For the added recipient you can add () or remove all Company Supplier Codes with one click on () without selecting any Company Supplier Codes. Then a confirmation message will be displayed to confirm delete all company Company Supplier Codes for this Recipient. More (as described in chapter Administration > Company). If the selected recipient has pre-defined Supplier Codes, the Supplier Name is displayed in the table. In this case, only valid Supplier Codes are accepted. If a Supplier Code is not valid, an error message will be displayed: The supplier number entered does not match a configured supplier number. Please quote "Yes" to enter the correct code, or "Cancel" to discard the entry. Once you have added a supplier code for the configured companies, no more can be added because the "Add" button is hidden. Also, if you tried to edit the added supplier code and there were associated part numbers, the following message is displayed: "You are about to remove a supplier number with pre-configured part numbers. The part number will also be removed". Once you click "Yes", the associated part numbers will also be removed. If the selected recipient is mapped in the CDX database, the table for the company's supplier code is different. The table for displaying the supplier code is extended by a column "Supplier name", showing the configured supplier name from the mapping, if such mapping exists. If no such mapping exists, the column shall not be displayed. Once the supplier code is added the user can select Part/Item numbers valid to given supplier numbers for recipients that have a supplier number part number matching by using a part number lookup dialog. Whenever a supplier number / part number mapping is configured, direct (manual) entry of part numbers is no longer allowed. Instead setting part numbers will only be possible after having set one or more (valid) supplier numbers from the below dialog.	Recipient dependent
Admin Supplier Codes	When you add a recipient, who has already defined Supplier Codes in his company information for your company (as described in chapter Administration > Company), the pre-defined codes will be loaded as "Admin Supplier Codes" and are not editable.	Recipient dependent
Part / Item / Material No.	This is the number under which your recipient purchases your product. You can add one or more number(s) here – either by importing from a text file (with ) or by using the  above table. Remove all with one click on , without selecting any Part / Item /Material No. then confirmation message will be displayed to confirm delete all. Or export the numbers from the table with  into a text file. It does not matter what the number is on the Ingredients tab, this is the value the recipient will see. In case part numbers for pre-configured suppliers are picked, a per-part number description will be shown. Otherwise not part number – description pair exists and only the partnumber will be displayed. Part number upload is disabled for recipients that have a preconfigured set of part numbers. In this case, you must first set a supplier number you know and then select a part number from the list of known part numbers for that supplier number.	Optional

Field Name	Description	Required?
Additional Identifiers	This is an additional identifier under which your recipient purchases your product. You can add one or more identifier(s) here by using  above the table. Remove all with one click on  . without selecting any additional Identifiers. A confirmation message will be displayed to confirm delete all additional identifiers or export the identifiers from the table with  into a text file. It does not matter what the additional identifier(s) is (are) on the Ingredients tab, this is the value the recipient will see.	Optional
Forwarding allowed	For some companies, although technically they are a stop in the supply chain, they don't do anything to the product and just want to forward received MDSs to their customer. A check in this box indicates they are allowed to do so.	Optional
Supplier Part / Item No.	This is how your company internally refers to the product, and it is visible to the recipient company. If the added MDS recipient is marked as a "Supplier Part Number Recipient", your Part/Item Number(s) from the Ingredients Tab are copied here. If the recipient company is not a "Supplier Part Number Recipient", the table is not filled automatically. You can add one or more number(s) here by using the  above table. Remove an entry with  or export the numbers from the table with  into a text file.	Customer dependent
MDS Revision	You can enter here a specific revision number valid for this recipient.	Optional
Drawing No.	The CAD drawing number associated with this product.	Customer dependent
Drawing dated	The CAD drawing date associated with this product.	Customer dependent
Drawing Change Level	The CAD drawing change level associated with this product.	Customer dependent
Purchase Order No.	Purchase Order Number associated with this product.	Customer dependent
Bill of Delivery No.	Bill of Delivery Number associated with this product.	Customer dependent
Report No.	If this MDS is on a prototype part, the prototype report number.	Customer dependent
Date of Report	If this MDS is on a prototype part, the date of the prototype part submission.	Customer dependent
Company Specific	If the recipient requires compliance to company specific regulations, you have to confirm the company specific regulations here. If no regulation confirmation is required, the table is empty.	Customer dependent
Communication information: User	System generated, information from the User ID of the user in the Recipient's company that rejected the MDS – where to go if you have further questions on why the MDS was rejected	N/A
Date	System generated, if the MDS has been sent/proposed and rejected, the date of the rejection.	N/A
Reason for Denial	If the MDS has been sent/proposed and rejected, this information is entered by the user in the Recipient's company.	Required
Comments	Lists existing comments and allows logged-in users to add new ones	N/A
Watchers	Shows current user's name and provides a button to start/stop watching the open MDS	N/A

The recipient details are displayed similar to the ingredients tab or the Company Admin screen: On the left side, there is a list of attached recipients together with the status and the last change date of this status. When selecting a recipient, the details for this recipient will be displayed on the right side of the screen. The recipient list includes an icon for the current status of the recipient. A traffic light system is used: Accepted MDSs have a green

icon, rejected ones are red. All others (unseen, seen, in process at in-house system, etc.) are yellow. Additionally, each recipient has a symbol preceding it indicating if the recipient was added as an ordinary recipient or if it is an assigned request.

Requests

Besides the “Add recipient” button, an “Assign MDS Request” button is created. By clicking on it, a request lookup search is opened and the user can choose any open request.

If the selected recipient in the Recipient Data tab is associated with a request, the MDS Request tab will become active. And the request tab will refresh the request details accordingly. In addition, a short request summary is added to the end of the details section on the Recipient Data tab. Click on the button “Show Request Details” to switch to the MDS Request tab:

If the selected recipient is not associated with a request, the MDS Request tab will become inactive.

If a request is mapped to a group, the MDS will be automatically assigned to all requests related to that group, streamlining the assignment process for multiple similar parts.

For further information on requests, please see the Request section.

Accepting the Customer Specific Policy

When sending or proposing an MDS, users may receive a notification to accept a company-specific policy. This requirement is prompted because the customer has requested a review and acceptance of the specific policy. Please note that a specific policy can only be requested to be accepted once, and only the Company Administrator holds the authority to accept it. Depending on the role of the current user, there will be two different info boxes displayed if a policy needs to be accepted:

- **For Non-Company Administrators:**
 - The box will be purely informative, providing details about the policy.
 - Non-Company Administrators cannot directly accept the policy.

- **For Company Administrators:**

- An info box will be shown below the recipient list, displaying the following information and showing the acceptance status as "Not accepted."

MDS Search | **Ingredients** | **Supplier data** | **Recipient data *** | **Analysis** | **MDS Request ***

Name: Component_11684351 ID / Version: 11684351 / 0.01 Node ID: 11684351 Status: Edit mode

Release internally | Send | Propose | Publish

CDX Service Team (Germany) [0] edit mode (07/10/2023)

Details

Transfer Information

Company: CDX Service Team (Germany) [0]
 Organisation unit: -
 Recipient status: edit mode
 Automatically accepted: ☐
 Name: Component_11684351
 Additional Names: + -
 Supplier Codes: + -
 Company Suppl: No data to display
 Admin Supplier Codes: No Admin Supplier Codes
 Part/Item No.: + -
 Part/Item No.: No number assigned
 Description:

Customer Policy

CDX Service Team (Germany) [0], a recipient of this MDS requires approval of the following document before allowing employees of your company to propose or send the MDS. Please consider giving your consent.

Please review the document here:
 airbusPolicyTest - ver1 | Airbus Policy - CDX - v.1.0 - final - Copy.pdf [371001 bytes]

Acceptance status: **Not Accepted**

- To accept the policy, the Company Administrator needs to click on the provided link, which presents the policy name and size.
- A popup will show the policy's PDF file inline, allowing the user to scroll through it and download it.
- A legal text will be displayed between the scrollable representation of the policy and the buttons, indicating that only an eligible person (Company Administrator) may accept the policy on behalf of the company.
- Above this text, the user must check a checkbox to enable the "Accept Policy now" button. If the checkbox is not checked, the button will remain inactive.

Customer Policy

AIRBUS POLICY RELATED TO THE ACCESS AND USE OF THIRD PARTY PLATFORM

1 DEFINITIONS

Unless otherwise defined, capitalised terms, singular or plural, used in the Airbus Policy shall have the meaning set out below:

Airbus	means the Airbus Company(ies) who has (have) entered into a Contract with the Supplier and/or is placing Orders with the Supplier;
Airbus Company	means Airbus SE, a European public limited-liability company (Societas Europaea) with its registered office (statutaire zetel) in Amsterdam, The Netherlands, its official address at Mendelweg 30, 2333 CS Leiden, The Netherlands, and registered with the Dutch Commercial Register (Handelsregister) under number 24288945 and any of the companies directly or indirectly controlling or controlled by or under common control with Airbus SE;
Airbus Data	means any and all data, information and material made accessible and available by Airbus to the Supplier through the Third Party Platform;
Airbus Policy	means this Airbus policy related to the Third Party Platform;
Contract	means any contracts for the provision of goods and services entered into between the Supplier and Airbus;
Data	means collectively the Airbus Data and the Supplier Data;
Order	means the order from Airbus to the Supplier for goods or services including the standard terms and conditions of purchase and supply attached to it;
Party or Parties	means individually or collectively Airbus and/or the Supplier;
Personal Data	means any information relating to an identified or identifiable natural person; an identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person;
Representative	means the usual contact and representative of Airbus with whom the Supplier exchanges in relation to the Contract and/or the Order and its management;
Supplier	means any company who has entered into a Contract and/or has received an Order from Airbus, having accepted electronically this Airbus Policy and who is accessing and using the Third Party Platform;
Supplier Data	means any and all data, information and other material in relation to the Supplier's items, products, services and supply chain, that are made accessible and available by the Supplier to Airbus through the Third Party Platform;
Third Party Platform	means the third party collaborative platform (for instance, named CDX - Compliance Data eXchange - and available following this link: https://www.cdssystem.com/cdx/aces/login), where the Supplier Data and the Airbus Data are made available and accessible, and/or are exchanged between Airbus and the Supplier in the frame of a given Contract and/or Order;
Third Party Platform Provider	means the third party provider of the Third Party Platform (for instance, EntServ Deutschland GmbH , Schickardstr. 32 71034 Boeblingen Germany);
Working Day	means a day (other than a Saturday or Sunday) on which banks are generally open for the full range of (non-automated) banking business in the jurisdiction specified in the Contract and/or the Order.

2 ACCESS TO AND USE OF THE THIRD PARTY PLATFORM

☐ "I understand and accept the policy presented above." BY SELECTING THE ABOVE AND CLICKING THE BUTTON "Accept Policy now", AS A DULY EMPOWERED REPRESENTATIVE OF AN ACME Company SUPPLIER, I AGREE IN THE NAME AND ON BEHALF OF SUCH ACME Company SUPPLIER TO BE BOUND BY THE PROVISIONS OF THE ACME Policy.

☒ Accept Policy now ☒ Download file

- Once the Company Administrator accepts the policy, the "Acceptance status" for this policy will change to "Accepted" (displayed in green)

MDS Search | **Ingredients** | **Supplier data** | **Recipient data *** | **Analysis** | **MDS Request ***

Name: Component_200479172 ID / Version: 200479172 / 0.01 Node ID: 200479172 Status: Edit mode

Release internally | Send | Propose | Publish

CDX Service Team (Germany) [0] edit mode (07/10/2023)

Details

Transfer Information

Company: CDX Service Team (Germany) [0]
 Organisation unit: -
 Recipient status: edit mode
 Automatically accepted: ☐
 Name: Component_200479172
 Additional Names: + -
 Name:
 Supplier Codes: + -
 Company Suppli: No data to display
 Admin Supplier Codes: 08-15-2019, 1mas, 2mas
 Part/Item No.: Choose File No file chosen

Customer Policy

CDX Service Team (Germany) [0], a recipient of this MDS requires approval of the following document before allowing employees of your company to propose or send the MDS. Please consider giving your consent.

Please review the document here:
 airbusPolicytest - ver1 | Airbus Policy - CDX - v.1.0 - final - Copy.pdf [371001 bytes]

Acceptance status: **Accepted**

- For the MDS to proceed, all previously "Not accepted" customer policies for the user and recipient list must be accepted by the Company Administrator.
- Only when all relevant policies have been accepted, the "Send" and "Propose" buttons will become active, allowing the user to proceed with sending the MDS.

Communication Information

The Communication Information section of your received MDS contains two important tabs: Comments and Watchers. These features help you communicate effectively and stay updated on specific MDSs.

Comments Tab

The Comments tab serves as your central hub for all MDS-related discussions. Within this tab, you can view all existing comments and, if you are logged in, add new ones. This feature facilitates efficient communication between requestors and suppliers, allowing you to share additional information or alerts as needed. Comment list can be sorted in either ascending or descending order by date. When more than two comments are present, you can export the data into an Excel sheet by using the "Export" button. The status of comments changes from "unseen" to "seen" when a recipient views the MDS.

Details

Transfer Information

Communication Information

Comments | **Watchers**

View | Export | Add Comment | Refresh

Sort By Date: Ascending | Descending

Mohamed Haf | **CDX Service Team (Germany)** | Commented On: 12/11/2024 11:56:35 AM

a new comment from recipient to supplier.

Mohamed Hafez | **CDX Service Team (Germany)** | Commented On: 12/11/2024 11:57:51 AM

adding another comment

Not Seen

Adding Comments

The screenshot shows the 'CDX - Compliance Data Exchange' window with the 'Comments' tab selected. A modal dialog titled 'Add Comment' is open. It contains a text input field with the placeholder 'Type Your Comment Here'. Below the field is a checkbox labeled 'By leaving a comment, you consent to MDS Supplier and Recipient seeing your comment along with your name.' At the bottom right of the dialog are 'Add' and 'Cancel' buttons.

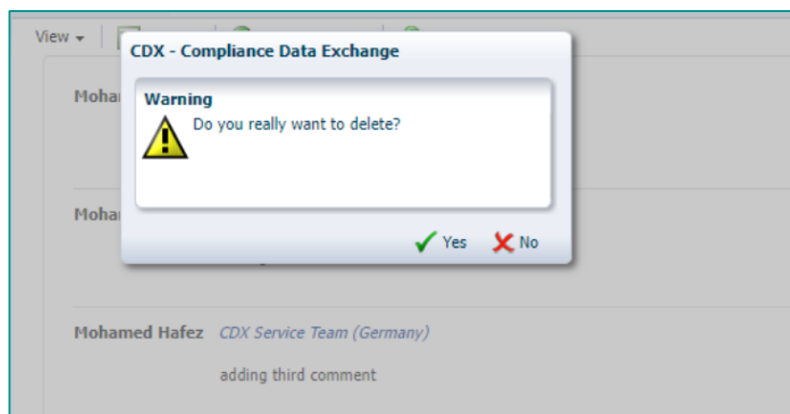
To add a comment, ensure that the MDS has been sent to the recipient. Navigate to the "Comments" tab and type your comment in the provided text box. Before submitting, make sure to tick the agreement checkbox, which acknowledges that your name will be visible to others. Once you have completed these steps, click "Apply" to save your comment. The dialog will close automatically, and your new comment will appear in the communication list. An email notification is automatically sent to all corresponding watchers listed in the WATCHERS table. Please note that if you do not tick the agreement checkbox, you will be unable to add comments.

For all comments created by the currently logged-in user with the status "Unseen," you can easily edit or delete the comment using two new buttons added for these unseen comments.

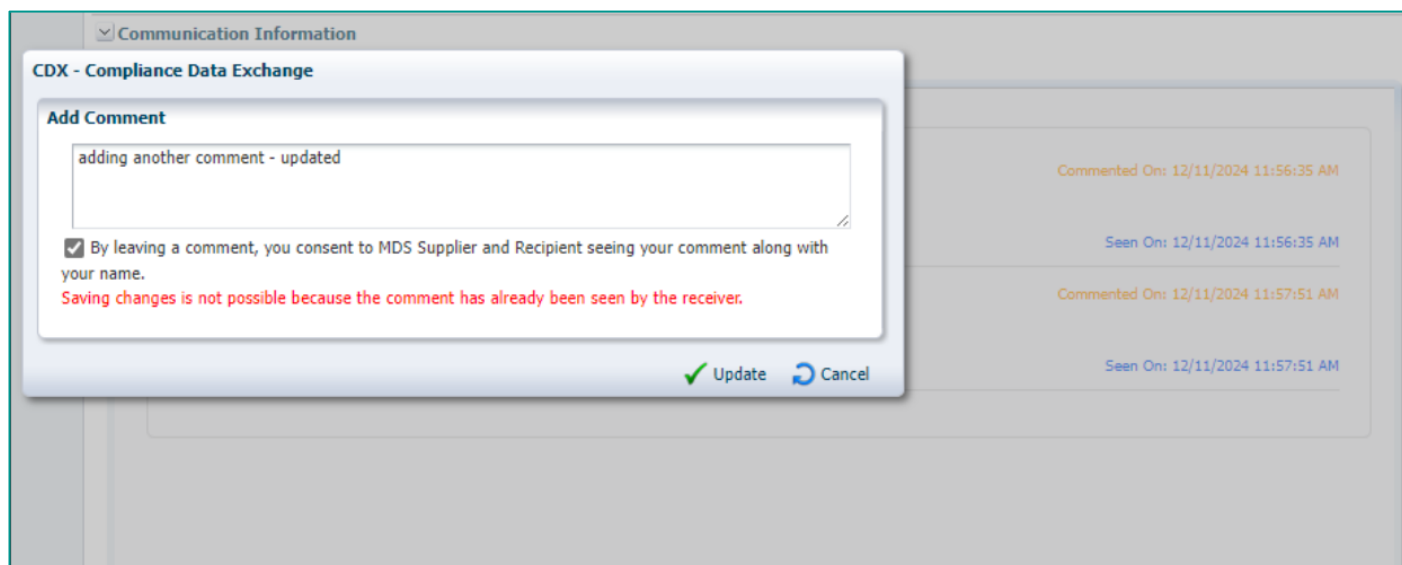
The screenshot shows the 'CDX - Compliance Data Exchange' window with the 'Comments' tab selected. A modal dialog titled 'Update Comment' is open. It contains a text input field with the pre-filled text 'adding another comment - updated'. Below the field is a checked checkbox labeled 'By leaving a comment, you consent to MDS Supplier and Recipient seeing your comment along with your name.' At the bottom right of the dialog are 'Update' and 'Cancel' buttons. In the background, a list of comments is visible, showing timestamps and status indicators like 'Not Seen'.

Clicking the edit button will open the Add Comment dialog with your existing comment pre-filled and the agreement checkbox already ticked, allowing you to easily modify the comment. After editing an unseen comment, no additional email notifications will be sent, as the user has already received one previously.

Clicking the delete button will display a confirmation message informing you that the comment will be deleted. After confirming deletion, an email will be sent to the other party (Recipient or Supplier) reporting that one comment has been deleted for the current Node ID.

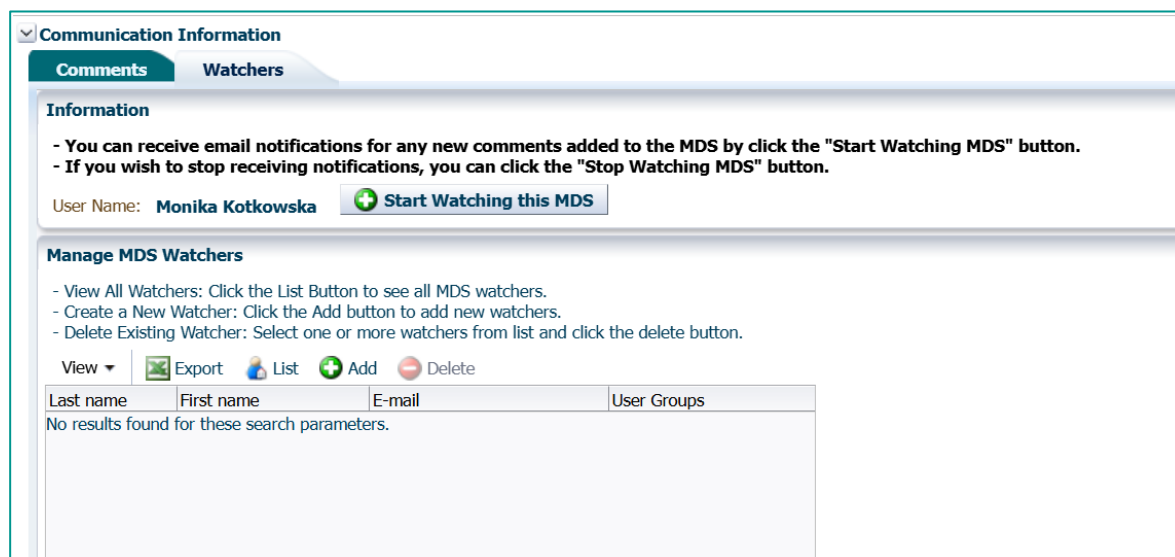


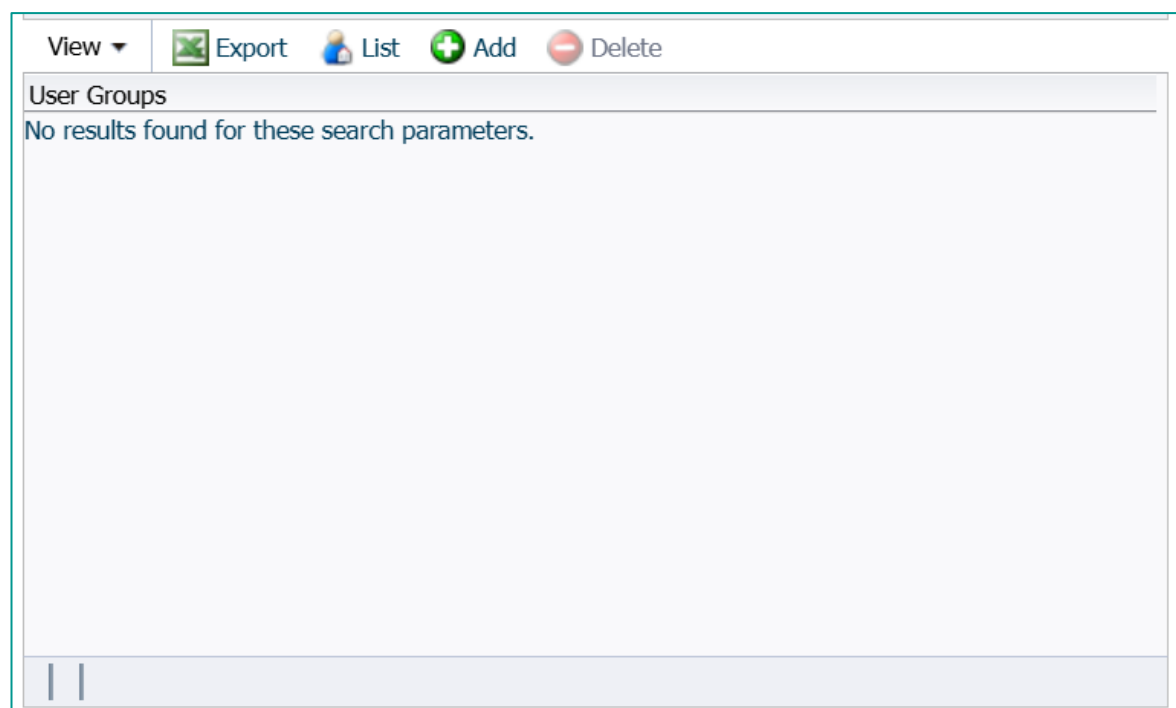
If the recipient has already marked the comment as "Seen," any attempt to update, edit, or delete the comment will be cancelled. In this case, a message will be displayed to inform the user that saving changes is not possible.



Watchers tab

The Watchers tab is designed to help you manage who receives updates about the MDS. Your name is automatically included in this list. From here, you can choose to start or stop watching the current MDS, as well as add or remove other watchers. Anyone on the watchers list will receive email notifications about new comments and updates related to the MDS. The tab is separated in two tables: individual watchers and group watchers. You can assign a single watcher or a whole group of users as watchers.





Check Procedure

You can check your structure of MDS and MDSs attached to a MDS request group at any time by using the  button in the toolbar or the [Check function](#) in the MDS menu, but it is also mandatory prior to a send or propose. It's a plausibility check on various items in your tree structure, e.g. entered weights, quantity, tolerance, recycle information, classification, valid status of ingredients, wrong structure, and missing data in supplier or recipient data screens.

Displaying Check Results

Check results can either be declared as "error" or as "information." While errors prevent the user from sending, proposing or releasing the MDS, information check entries do not. Information entries are not to be totally ignored as they are an indication that something is out of the norm on that particular entry on the tree and requires further investigation to know whether the data is appropriate for the circumstances.

If the check returns without any findings the user is informed by an appropriate message displayed in the table.

Check results - 0 Error(s) / 0 Information			
No.	Type	Tab	Node / Recipient
The MDS successfully passed all checks.			

In case the check returns findings, they are displayed in the Check Results table. With the corresponding Export button above the table and a valid MDS License you can export the Check Results into an MS Excel file.

Check results - 4 Error(s) / 5 Information

No.	Type	Tab	Node / Recipient	Message
1	Error	Ingredients	Component_1026284GGI	The measured weight per item needs to be greater than zero.
2	Information	Ingredients	C10	The referenced datasheet/module is not the current version
3	Error	Ingredients	Ceramic (Manganite spinel NiXMn3-XO4)	The weight needs to be greater than zero.
4	Information	Ingredients	Ceramic (Manganite spinel NiXMn3-XO4)	Under REACH Annex XVII substance Nickel-monoxide 1313-99-1 must be exempted if used at more than a limit of 0.0. Please verify continued use.
5	Information	Ingredients	Ceramic (Manganite spinel NiXMn3-XO4)	Under REACH Annex XVII substance Nickel-monoxide is marked as an exempted . Please verify continued use.
6	Error	Ingredients	C20E2C	The weight needs to be greater than zero.
7	Information	Ingredients	C20E2C	The referenced datasheet/module is not the current version

On the Ingredients tab, all nodes with a check issue are marked with an error (🛑) and/or information (ℹ️) icon. If a field can be assigned to a check issue, this field is also marked in the detail section with an appropriate icon.

If you double click on the row or select the popup menu “Show” for a finding in the check result table, the corresponding tree entry is automatically selected and the node detail displayed. In case the node detail attribute is contained in a collapsed group, this group is automatically expanded. In case the corresponding fields are located on another tab, it will be opened automatically.

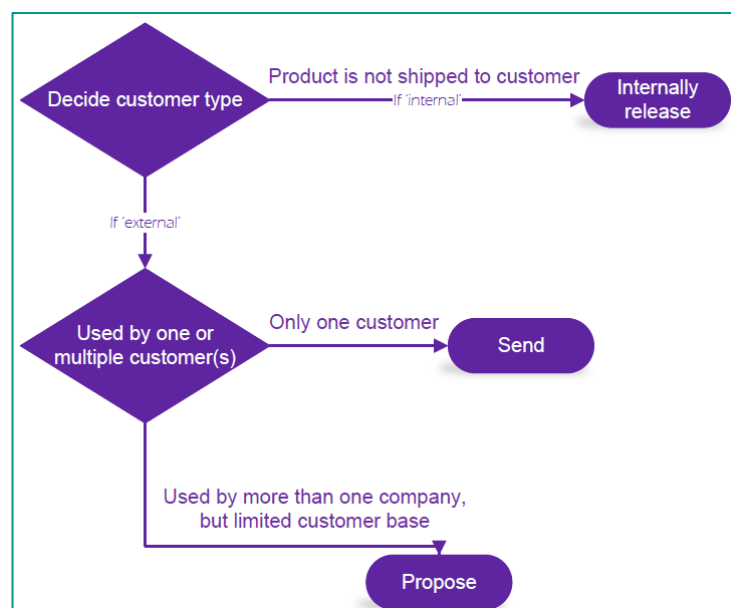
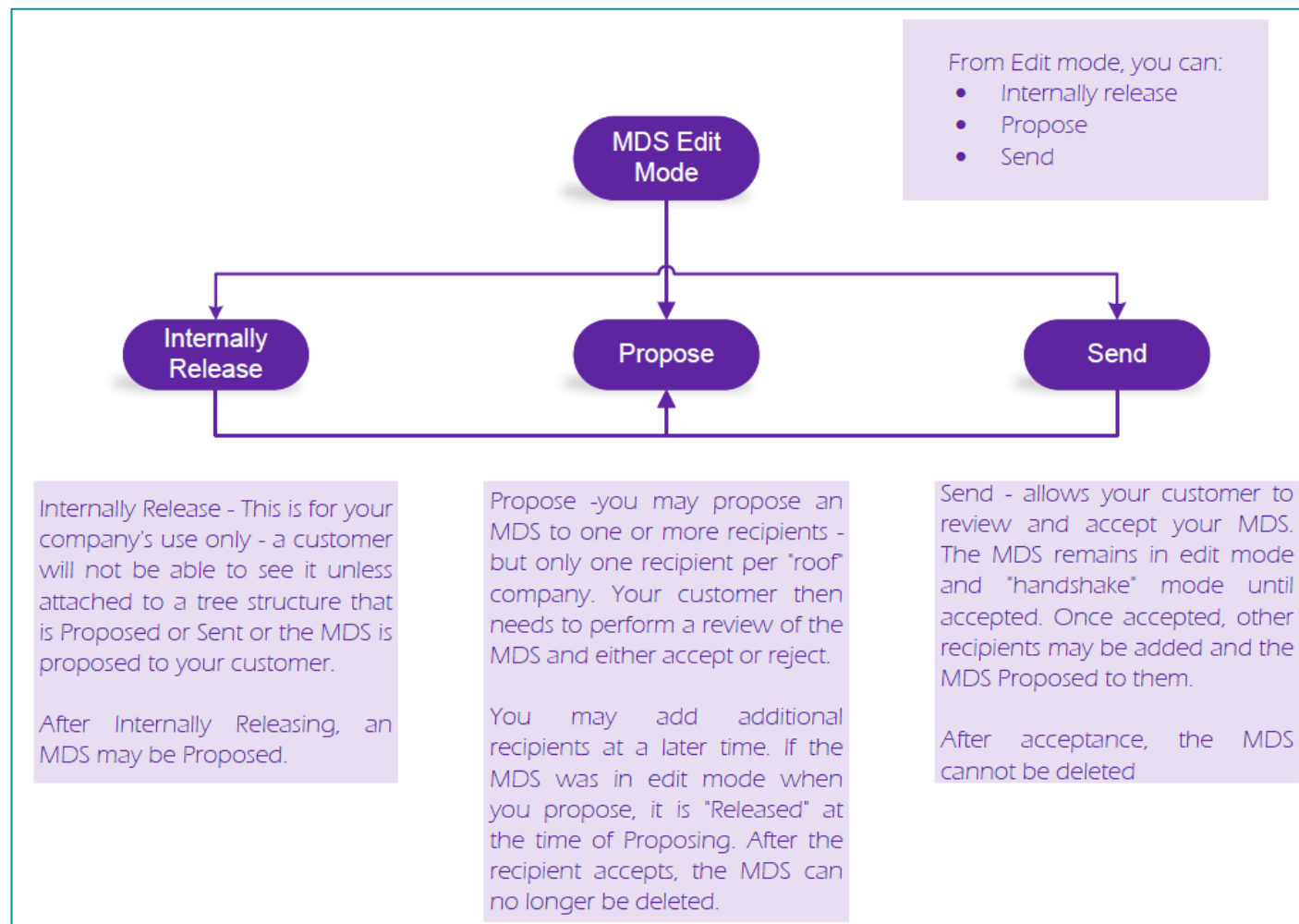
When returning from a check execution the first check result table entry is selected and all erroneous objects are displayed and marked. The following table describes the fields in the Check Results table:

Column	Description
No.	Number of the finding.
Type	The type of the finding. Can be error or information and is indicated only by an icon.
Tab	The tab layer on which the finding is located. Can be an Ingredients, Supplier data or Recipient data.
Node / Recipient	The node name and its associated icon if the finding is located on the tab layers Ingredients or Supplier data. The recipient company name in case the finding refers to the Recipient data tab layer.
Message	The error or information message that describes the problem. The message might contain parameters. Messages are multilingual, so it is displayed in the selected application language.

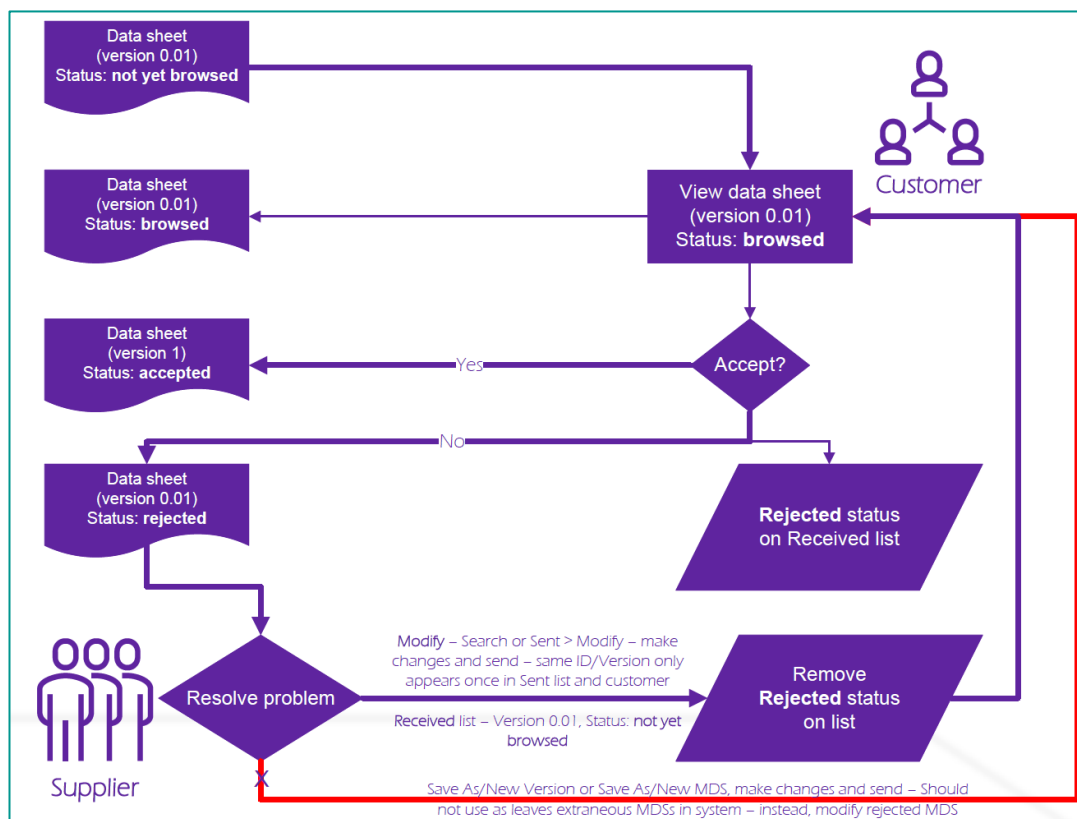
Internally Release or Send / Propose an MDS

You can do all the data entry in the world, but unless you **Send** or **Propose** the MDS to your customer, they will not see your entry. The following pictures explain how Internally Releasing, Sending and Proposing work:

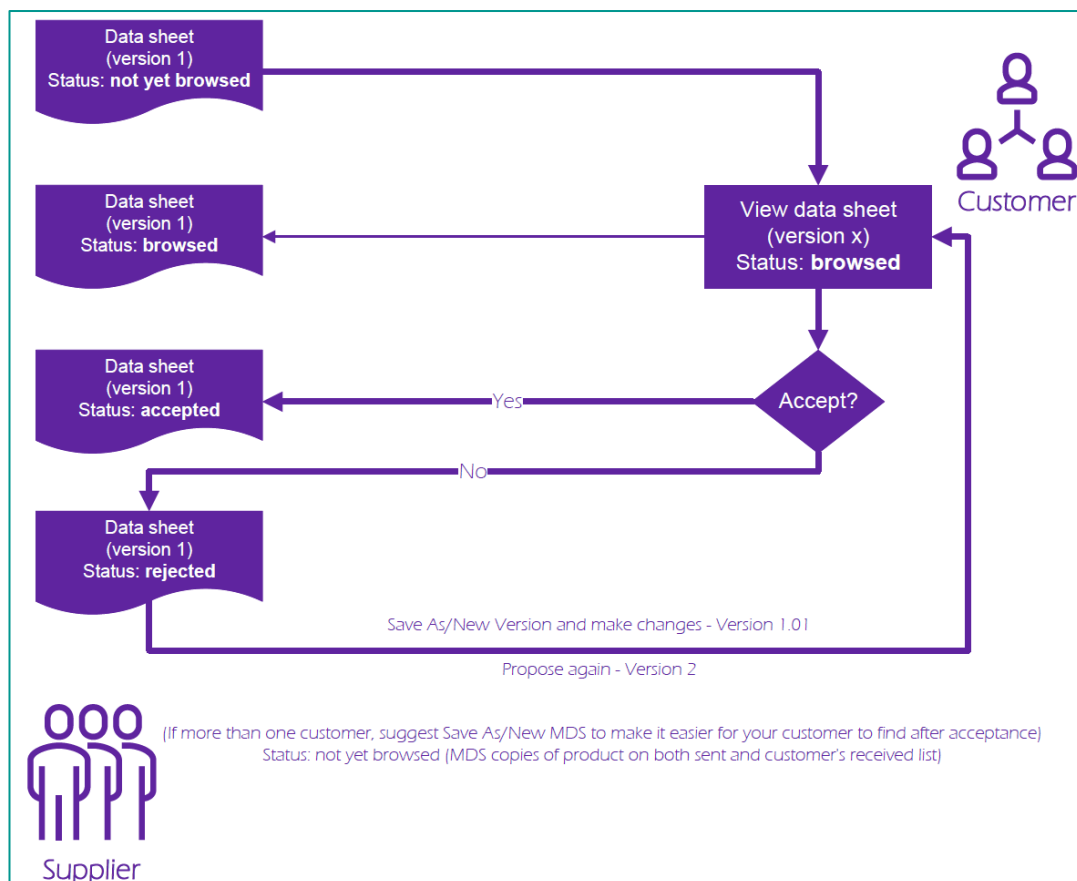
What to do with an MDS in Edit Mode?



How Send/Receive Works



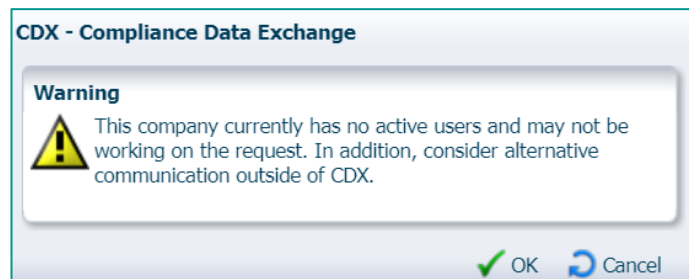
How Propose/Receive Work



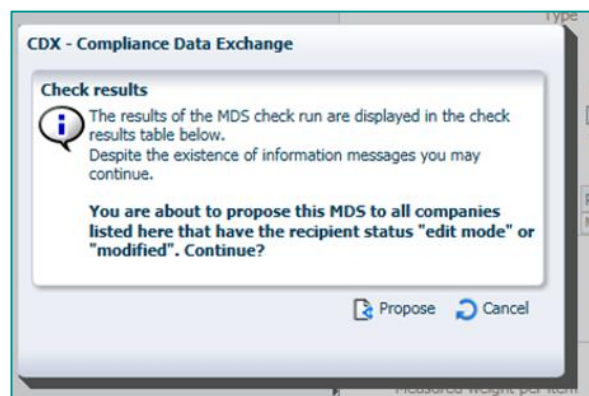
When you choose to Send or Propose an MDS in CDX, the system first verifies whether the selected recipient is a company with at least one active user who can proceed with working on the MDS.

If no active users are associated with the recipient company, CDX displays a warning popup to inform you so that you can act accordingly.

Note: Users with profiles such as REST_API or REST_OAuth are not considered active users, as these profiles are designed for using web services and cannot perform actions directly on the MDS.

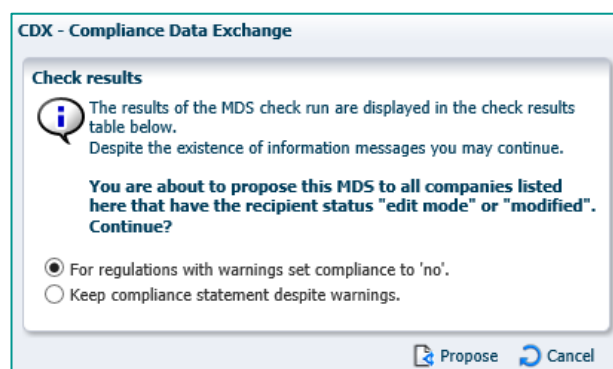


Then CDX checks the structure for errors and information. In the view below, we have already internally released so we are now Proposing to our selected Recipient:



If you have any errors, you must correct them before the MDS can be released, sent or proposed. If you see pieces of information, you need to investigate each one to determine whether correction is needed.

If the check returns information related to regulations, the user has two opportunities for the “Regulation Complied” status at the MDS level (see figure below). Either the user can set the regulation compliance for the associated regulations to ‘no’ or the user will keep the compliance statement. If there is no information related to regulations, the two options in the figure below will not be displayed.



After reviewing the check results, you will need to complete the action – in this case by selecting  **Propose**.

MDS Analysis

The Analysis function is a very powerful and valuable tool in CDX. It can determine whether an MDS has any substances that are on a restricted Basic Substance list, or to perform an analysis for a specific Basic Substance or MDS.

The user may start the analysis for one MDS using the MDS/Module Search. The selected MDS can be analyzed

for all basic substances, materials or classifications by clicking the Analysis tab, and the output is presented by either of two selected measuring units: percentage [%] or weight [g], based on the calculated weight. An MDS may reference MDSs without measured weights, therefore the measured weight cannot be the basis for calculations.

The user can choose the desired analysis type in the select box:

Classification

This option gives the user a breakdown by either weight or percentage of the material classifications used in an MDS. Different materials may have the same classification. The values are summed so each classification appears only once.

Material

This option gives the user a breakdown by either weight or percentage of all the materials (by ID / Version) in an MDS. If the same ID is used in more than one place in the tree, the values are summed so each ID appears only once. However, if the same material is represented by multiple IDs, they will be listed multiple times. CDX analyses by ID and not by name.

Basic Substance

This option gives the user a breakdown by either weight or percentage of the basic substances used in an MDS. The analysis is performed using the index of the basic substance, so several basic substances in the same family (for example several lead substances) may appear in the analysis and each is summed separately.

By double-clicking a result-item, view will be switched to the “Ingredients” tab where the tree node with the same CAS-number (if available, otherwise the name of the substance) is pre-selected and the tree search dialog with preset search type/value will be displayed to allow user to do continuous search in the tree.

Where-Used Analysis

You may often want to know which parts have certain Materials or Basic Substances in them. To find this out, you can use the Where-Used Analysis. This tool is activated either by the  on the toolbar or through the **Functions > Where-Used Analysis** menu item.

Select the Type of Analysis

There are several types of analysis possible as illustrated in the following:

The types of analysis are detailed in the following table:

	Description
Classification	Will find where a selected Material Classification is used in your visible MDS data
MDS	Will find where a specific MDS ID/version has been referenced in your visible data.
Basic Substance	Will find where a specific Basic Substance has been referenced in your visible data.
Basic Substance Group/List	Will find where Basic Substances in a selected Basic Substance Group/List have been referenced in your visible data.
Confidential Basic Substances	Will find where Basic Substances have been marked Confidential in your visible data.
Company Specific Basic Substance List	Will find where Basic Substances defined in your Company Specific Basic Substance List have been referenced in your visible data.
Common Regulations	Will find where Basic Substances defined in common Regulations have been referenced above the given threshold.
Company Specific Regulations	Will find where Basic Substances defined in your Company Specific Regulations have been referenced above the given threshold.

After selecting the type of analysis, use the to search out the Classification, MDS or Basic Substance, or pulldown menu to choose a Basic Substance Group or the proper Company Specific Basic Substance List.

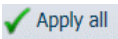
In the Where-Used Analysis, the default setting includes Substance in Process. However, users have the option to exclude them from their search results by checking the corresponding checkbox ☐ **Exclude Process Structure**. This checkbox is available for the following analysis types:

- Basic Substance
- Basic Substance group/list
- Company specific Basic Substance List
- Common Regulations
- Company Specific Regulations

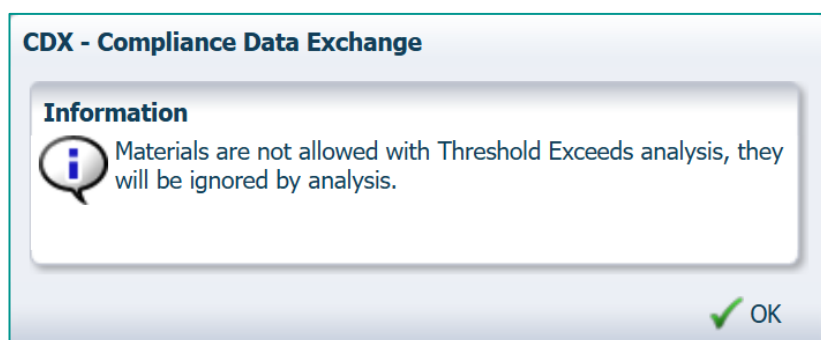
When working with "Common regulations" or "company-specific regulations," users can analyze data using the ☐ **Threshold Exceeded** checkbox. This feature enables a more rigorous analysis of materials against specified thresholds. By activating this option, users can ensure stricter compliance with regulatory limits and company-specific standards.

Select the MDSs to be Analyzed

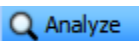
Next you have to select the MDSs you want to analyse through the normal search screen:

How to search is discussed within this manual. You can  to search through all of your data. There is a 500 maximum on search results so you may have to perform several searches and analyses.

If you have already added materials in the MDS search screen and subsequently check the "Threshold Exceed" box, a popup message will appear. This message informs you that any previously added materials will be excluded from the analysis process.

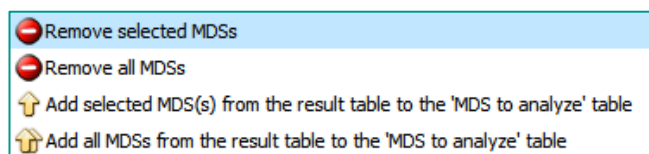


Analyze

Once you have the MDSs to analyse, click on the  to perform the Analysis. By double-clicking a result-item from a substance analysis you can directly switch to the "Ingredients" tab of the MDS to perform a tree search as described in the respective paragraph in the MDS Analysis chapter.

And Repeat (if Desired)

CDX provides a helpful feature that enables the user to perform repetitive analysis. You can use the results of one analysis as the source for the next analysis. You can clear one to all from the original source by right clicking on the source area and a window will appear similar to the following:



First remove all MDSs, and then Add all MDSs from the result table. You can then select a new Analysis Type.

IMPORT / EXPORT AN MDS

Currently CDX provides the ability to Import IMDS MDSs as well as Import and Export capability for IPC1752A Class C / Class D, IPC1754 Class E / Class F / Class G and for IEC62474 declarations. This functionality supports users who have requirements to file IPC1752A, IPC1754 and IEC62474 declarations and simplifies the MDS creation using existing IPC data. The IMDS MDS Import addresses the automotive supplier's need to further process MDSs that are already available in IMDS and are also used for other industries, without re-entering them in CDX.

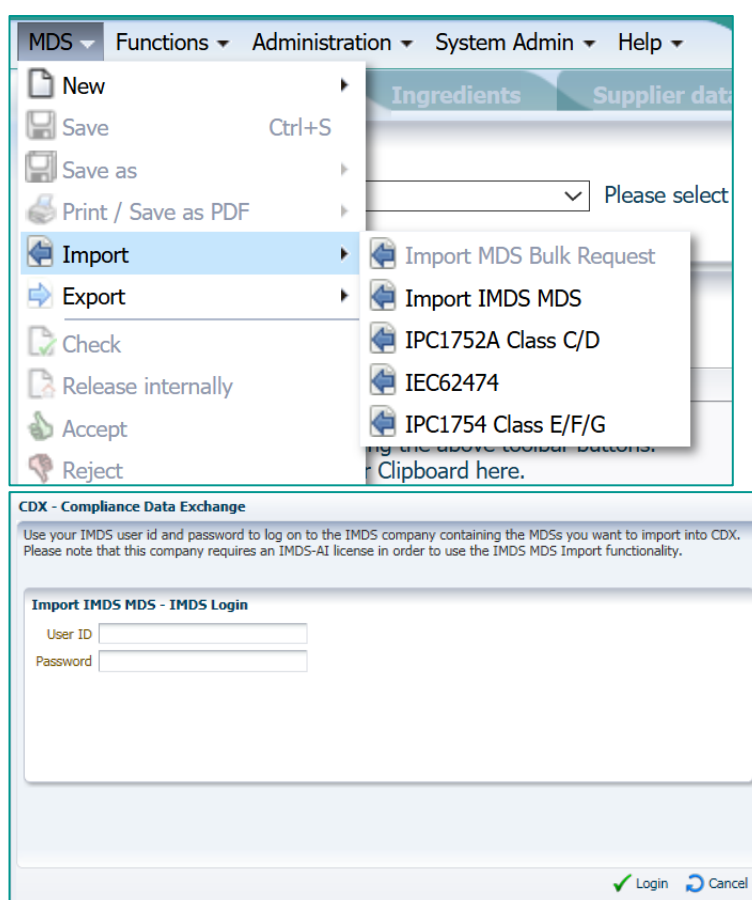
While the Export function requires a valid CDX MDS license, the Import function can be used without a license. Your Company Administrator can order such a license in the Administration > CDX Licenses menu.

Import an Existing MDS from IMDS

CDX includes the ability to import existing Material Data Sheets (MDSs) from the [International Material Data System \(IMDS\)](#) into CDX. The import of IMDS MDSs can be initiated out of CDX when the following requirements are fulfilled:

- **CDX License:** The company must hold a valid CDX Entry License to utilize the IMDS Connect Interface to CDX.
- **IMDS Connect License:** The IMDS company owns a valid [IMDS Connect service](#) (at least a Tariff E is needed).
- **Credentials:** The CDX user needs **valid IMDS credentials** (IMDS User ID and password) to start the CDX Import Wizard.
- **Terms of Use:** Data transfer from IMDS to CDX is **in line with the IMDS [Terms of Use](#)**.

The IMDS MDS Import is initiated by selecting the menu MDS > Import > Import IMDS MDSs. This starts the Import Wizard:



To import IMDS MDSs into CDX, you first need to enter first valid IMDS credentials (IMDS User ID and password) to establish a connection between CDX and IMDS.

After checking the validity of the credentials, the system will verify that your company owns the required **CDX Entry License** a valid [IMDS Connect license](#) (the minimum Tariff E is required). If this check succeeds, the next page of the wizard is displayed, allowing you to search for MDSs to be transferred.

Import IMDS MDS - Search IMDS MDSs

Note: The search result list may differ compared to an executed search in IMDS with the same search options because only MDSs available via IMDS-AI can be imported by CDX. For further information please see: <https://public.cdssystem.com/web/cdx/faq>

Search IMDS MDSs

Name

Number

MDS ID current ▼

Node ID

Date ☐ published / accepted / internally released
☐ created (own MDSs)

from to

☒ own MDSs ☐ accepted MDSs ☐ published MDSs

☐ last edited by me

Search | Cancel

You need now to configure the Import settings that should apply:

Import IMDS MDS - Import settings

Import settings

Update Std.-Material Use the referenced version ▼
Please define how the transfer should react in case newer versions of referenced Std.-Materials exist.

Std.-Material handling Convert into nodes ▼
Please define how the transfer should react in case referenced Std.-Materials are deleted or do not exist.

Basic Substance handling Replace by placeholder substance ▼
Please define how the transfer should react in case referenced basic substances are deleted or non-existent.

Unconditional Release ☐ If ticked, MDSes will be set to "internally released", no matter the actual error status in CDX. Relevant for IMDS legacy data.

☐ Create Job
Upon creating a job, your provided IMDS credentials will be stored in CDX

Schedule ☒ Once
☐ Daily
☐ Weekly

Previous | Next | Cancel

Update Std.-Material: Please define how the transfer should react in case newer versions of referenced Std.-Materials exist (Update to newer version or Use the referenced version).

Std.-Material handling: Please define how the transfer should react in case referenced Std.-Materials are deleted or do not exist. (Convert into nodes or Skip transfer).

Basic Substance handling: Please define how the transfer should react in case referenced basic substances are deleted or non-existent (Replace by placeholder substance or Skip transfer).

Unconditional Release: If this is selected, every MDS will be set to “internally released”, no matter the actual error status in CDX. This is needed because of IMDS legacy data.

Create Job: In case a job wants to be created instead of using the normal import process (see next side), a company admin is able to import multiple datasheets (not limited) from IMDS. A job can be executed once, daily or weekly.

- Once: All datasheets will be imported depending on the search params.
- Daily/Weekly: In the initial load, all datasheets will be imported as well. After the initial load (first day), only the delta will be imported into CDX. In case a daily or weekly job will be created by the company admin, the parameters execution runtime (“hour”, “minute”), “from” and “to” must be set (see figure below). Only one scheduled job for every company is allowed.
- An additional license is required

Please note: The search result list may differ compared to an executed search in IMDS with the same search options because only MDSs available via the IMDS Connect license can be imported by CDX. This means, the MDS in IMDS needs to be in a released state (MDSs in edit mode can't be imported). New MDSs will be available to be imported after the daily download files in IMDS have been created.

If you need to update your IMDS sourced data in CDX, you will have to create a new version of the import. This ensures replication integrity. IMDS datasheets can be imported only once by a given company, to prevent duplicate data.

You can select up to 20 MDSs from the result list to be transferred to CDX. For multiple selections, please press the **control** or the **shift key** during the selection process and click on the **Next** button to proceed.

Type	Name	Number	ID / Version	Node ID	Supplier
Test Create Comp	Test-NT-001	905528624 / 1	905528624	IMDS Service Team	
Test Export Component	TEC1	904343627 / 1	904343627	IMDS Service Team	
Test for Publish symbol	-	905508336 / 1	905508336	IMDS Service Team	
Test RS	-	904363924 / 1	904363924	IMDS Service Team	
Test update ih	-	902034984 / 0...	902034984	IMDS Service Team	
Test w/ Node	-	905488385 / 1	905488385	IMDS Service Team	
Test-MMDS_GGI	-	904447708 / 1	904447708	IMDS Service Team	
TEst070917	-	905131450 / 1	905131450	IMDS Service Team	

By pressing the button **Import** the import process will start and the Import Wizard displays the status for every MDS to be imported and – in case of failure – an error message:

Import IMDS MDS - Import in progress ...

Import IMDS MDS

View ▾

Type	Name	ID	ID / Version	State	Message
Test-MMDS_GGi		904447708	904447708 / 1	Completed	
Test Export Component		904343627	904343627 / 1	Running	
Test update ih		902034984	902034984 / 0.01	Error	A basic substance referenced in t...

Close

When the import process has been finished, an additional message about the completion will appear in this window – regardless of the import success. Therefore please consider the states and messages in the table:

Import IMDS MDS - Import in progress ...

Import IMDS MDS

View ▾

Type	Name	ID	ID / Version	State	Message
Test-MMDS_GGi		904447708	904447708 / 1	Completed	
Test Export Component		904343627	904343627 / 1	Completed	
Test update ih		902034984	902034984 / 0.01	Error	A basic substance referenced in t...

The import of all IMDS MDSs has completed.

Close

When the import is complete, please Close the window. The transferred editable MDSs are stored in CDX as their own MDSs in edit mode to allow the user to rework or complete the data sheets with CDX specific information. Released MDSs from IMDS would lead to released MDSs as well in CDX in case no validation error is detected by CDX after the transfer.

You can search for your imported MDSs in the MDS (Component, Semicomponent, Material) Search, activating the field “Imported” in the “Own MDSs” section. Please select the Import Source “IMDS” and an IMDS Module and/or Node ID if you want to delimit your search. The search result will only display MDSs imported from IMDS:

Component Search

Ingredients Supplier data Recipient data Analysis MDS Request

Name, ID Identifier Date SCIP

Name, Part/Item No., ID

Name

Part/Item No.

MDS ID

Node ID

Attachment Type

View ▾ Menu Export

Type Name Part/Item

No data to display

Supplier MDSs

☒ none ☐ accepted MDSs ☐ Standard MDSs ☐ MDSs provided by customer

Supplier Company / Org

Own MDSs

☒ own MDSs

☐ last edited by me

☒ Imported ...

Add import metadata

Base Import Information

Import Source IMDS

Import File Format IPC1752A Class D

Import Date 11/05/2025 02/03/2026

Filename

Supplier

Company Name

Company Unique ID

Contact Name

E-mail

IMDS Module ID

IMDS Node ID

Supplier Code

Requester

Company Name

Company Unique ID

Contact Name

OK Cancel

You can search for your imported MDSs in the MDS (Component, Battery, Semicomponent, Material) Search, activating the field "Imported" in the "Own MDSs" section. Please select the Import Source "IMDS" and an IMDS Module and/or Node ID if you want to delimit your search. By giving Company Name or Company unique ID you can limit the MDSs only imported from specified IMDS Company. The search result will only display MDSs imported from IMDS.

If available, the name and supplier code of the supplier in the IMDS are displayed in the search result in the columns "Supplier" and "Supplier code".

Details Expand all Collapse all

Common Information

Type: Component
ID / Version: 1070443 / 1
Node ID: 1070443
Node Count: 12
MDS Supplier: CDX Service Team (Germany) (Triple-E Europe) IMDS Supplier: IMDS Service Team
100% declaration: ☒
SCIP Compliance: ☐
External SCIP number:
Brand:
Type:
Model:

Article Category

Name(s)

Identifier(s)

Dates

Query Lists

Product Business Info

Amounts and Weights

Parts Marking

Remark

Attachment

Where used

Regulations

IMDS Information

View: Show IMDS Import Protocol

IMDS Module ID/Version	IMDS Node ID	IMDS Company [ID]	IMDS Supplier [ID]	Transfer Date
902078944 / 0.01	902078944	IMDS Service Team [0]	IMDS Service Team [0]	06/01/2017 15:35:31

Total records found: 1

The button **Show IMDS Import Protocol** opens the IMDS Import Protocol (PDF document) with detailed information about applied conversions on the MDS during the transfer process. Please select a row in the table and press the button to open or save the Import Protocol.

The "IMDS Supplier" in section "Common Information"/"IMDS Information" shows the original supplier company in IMDS which is visible only for the owner and ignored by copying MDS.

CDX ID / Version: 1071104 / 0.01 Page: 2 / 3
User: Gimmer, Grit Date: Jun 8, 2017 7:57 AM

IMDS Import Protocol
Documentation of applied conversions on MDS during transfer

3 Characterization of the transferred Component

Part/Item No.: TEC1 CDX ID / Version: 1071104 / 0.01
Article Name: Test Export Component Node ID: 1071104
Transfer Direction: IMDS -> CDX IMDS ID / Version: 904343627 / 1
Transfer Company Link Direction: IMDS Service Team[0] -> CDX Service Team (Germany) Supplier[1] IMDS Node ID: 904343627
Transfer Initiator: Grit Gimmer Transfer Date: 06/08/2017 07:50:48

Tree Level	Article Name Article Name Name Basic Substance name	Part/Item No. Item/Material No. Material No. CAS No.	CDX ID / Version	IMDS Import Protocol Conversion for each affected node or reference
1	Test Export Component	904343627	904343627 / 1	Original IMDS Attribute: Node_ID = 904343627 Original IMDS Attribute: ModuleID/Version = 904343627/1.00 Original IMDS Attribute: Supplier = IMDS Service Team[0]
1-2	PVC	901041319	901041319 / 1	Original IMDS Attribute: Node_ID = 901041319 Original IMDS Attribute: ModuleID/Version = 901041319/1.00 Original IMDS Attribute: Supplier = (0) Ignored IMDS Attribute: Tradename = Ignored IMDS Attribute: Name(DE) = PVC Original IMDS Attribute: Classification = filled Thermoplastics Ignored IMDS Attribute: Supplier = Ignored IMDS Attribute: Remark(DE) = *
1-2	Tape PET / PAK	52858504	48938730 / 2	Original IMDS Attribute: Node_ID = 52858504 Original IMDS Attribute: ModuleID/Version = 48938730/2.00 Original IMDS Attribute: Supplier = IMDS-Committee(423)
1-3	tape adhesive layer PAK for PET tapes	47066397	48936462 / 4	Ignored IMDS Attribute: Tradename = Ignored IMDS Attribute: Name(DE) = tape adhesive layer PAK for PET tapes Original IMDS Attribute: Classification = Adhesives, sealants Ignored IMDS Attribute: Supplier =

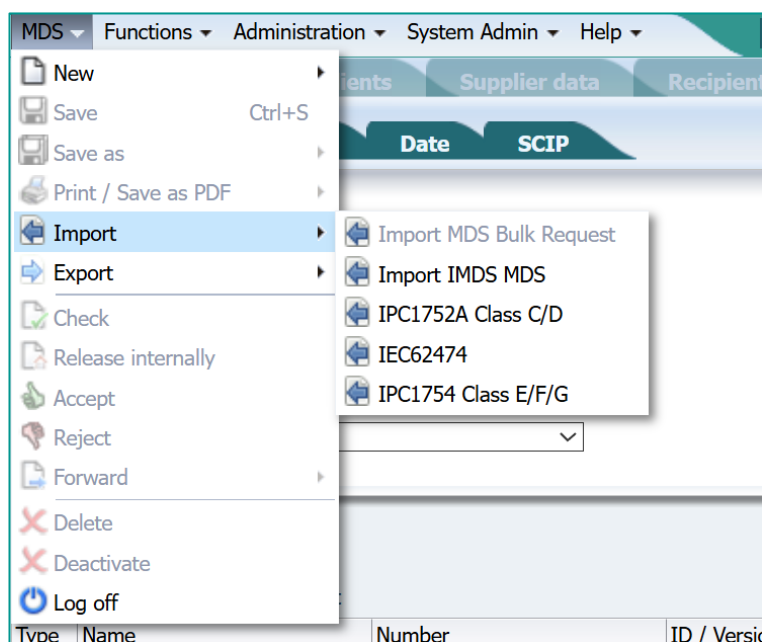
EntServ Deutschland GmbH generated by CDX

Import an MDS from IPC1752A, IPC1754 or IEC62474 File

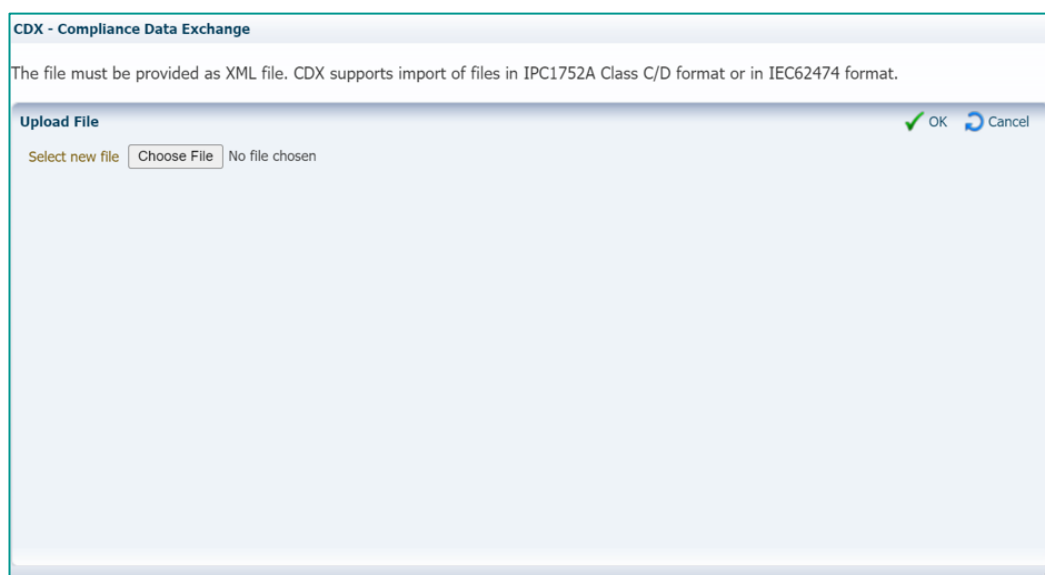
IPC1752A Class C and Class D, IPC1754 ([Class E, Class F and Class G](#)) and also IEC62474 declarations can also be imported as an MDS to CDX. One imported declaration may result in more than one MDS, depending on how many products it has recorded.

During the Import process the user is guided by a wizard dialogue step by step. Additional IPC/IEC information data for the MDS (e.g. import date etc.) can be viewed in the MDS Detail screen once imported. An imported MDS is imported as an own MDS in edit mode so it can be reworked and amended for further processing.

You can start the Import process from menu MDS > Import > IPC1752A Class C/D, IPC1754 Class E/F/G or IEC62474:



The next screen provides the possibility to select the file, which should be imported. Please [Browse...](#) for the desired XML file on your computer and open it:



Clicking starts the report validation and displays a wizard, which will guide you through the Import process. The wizard displays information that is relevant for creating an MDS in CDX. The user may stop the import process by using the cancel button on each screen. In the following example the import of an IPC1752A Class D file is shown. The wizard displays different information for every processing step. Please read the information carefully and fill out or select required information. You may switch back and forth between steps by clicking the **Back** or **Next** buttons:

General Info

General Info Declaration Supplier Requester Product List Material/Substance Confirmation

The report has been successfully validated! This import process will guide you to through the data sheet creation process.

Important Notice

- The data sheet to be created will be owned by your company, and all imported information can be modified after new data sheet is created.
- The new data sheet will require only a subset of data from the report.
- For reference purpose, the original report file will be added to the data sheet as data sheet level attachment.

Supported by 

Back Next Cancel

Declaration

General Info Declaration Supplier Requester Product List Material/Substance Confirmation

The information displayed below corresponds the node **/MainDeclaration/BusinessInfo/Declaration** in report.

Scope ☒ Class A ☒ Class D

Legal Declaration - Standard

Supplier certifies that it gathered the provided information and such information is true and correct to the best

Supplier Acceptance Accepted

Supported by 

Back Next Cancel

Supplier

General Info Declaration **Supplier** Requester Product List Material/Substance Confirmation

The information displayed below corresponds the node **/MainDeclaration/BusinessInfo/Response** in report.

<u>Response Status</u> Expected Response Date 03/17/2016 Response Document ID Lock Response Fields ☐ false	<u>Company Information</u> Company Name Company Unique ID Company Unique ID Authority
<u>Authorized Representative</u> Name Amr Abd El Ghaffar Phone 06142-803948 E-mail amr.abd-el-ghaffar@hpe.com	<u>Contact Information</u> Contact Name Amr Abd El Ghaffar Phone 06142-803948 E-mail amr.abd-el-ghaffar@hpe.com

Supported by 

[Back](#) [Next](#) [Cancel](#)

Requester

General Info Declaration Supplier **Requester** Product List Material/Substance Confirmation

- The information displayed below corresponds the node **/MainDeclaration/BusinessInfo/Request** in report.
- The requester information will not be added to new data sheet.

<u>Requester Information</u> Request Date 08/13/1957 Request Document ID String Respond By Date 08/13/1957	<u>Company Information</u> Company Name String
	<u>Company Contact</u> Name String Phone String E-mail String

Supported by 

[Back](#) [Next](#) [Cancel](#)

In the next screen you need to confirm, if you want to create a new MDS. When you have already imported an MDS with the same material number, the system asks you whether you want to create a new MDS version for this already existing MDS or if you want to create a new MDS:

Product List

General Info Declaration Supplier Requester **Product List** Material/Substance Confirmation

• The information displayed below corresponds the node **/MainDeclaration/ProductList** in report.

Mfr Item Name	Material_901019013	Requester Item Name	
Mfr Item Number	123	Requester Item Number	
Unit type	Each	Mass	100.0
Effective Date	2016-03-17	UoM	massPercent

Item number 123 found The item number of the product is referenced in one of your company's MDS. The import process will create a new MDS version by default. Please use the option below if you choose to create a new MDS instead.

☒ Create new MDS version ☐ Create new MDS

MDS with item number 123 found Material_901019013(1030833)

Supported by **Anthesis**

Back Next Cancel

Material/Substance

General Info Declaration Supplier Requester Product List **Material/Substance** Confirmation

• The information displayed below corresponds the node **/MainDeclaration/ProductList/Product/MaterialInfo/HomogeneousMaterialList/HomogeneousMaterial** in report.

Material_901019013

- (+)-Tartaric acid
- (1)-3,7-Dimethyloctan-3-ol

Details

Material Group

Homogeneous Material Material_901019013

UoM massPercent

Mass 100.0

Supported by **Anthesis**

Back Next Cancel

Confirmation

General Info Declaration Supplier Requester Product List Material/Substance **Confirmation**

Congratulations! The import process is now ready to create MDS based on the IPC report data.

Important Notice

- The new MDS is owned by your company.
- The new MDS is not be eligible for sending, e.g. because of missing recipient. Please run MDS check for completeness first.

Supported by **Anthesis**

Create MDS Back Next Cancel

When you see this screen the Import process has been finished and you can complete it by pressing "Create MDS". The created datasheet will be owned by your company, and all imported information can be modified in the MDS:

Details

☒ **Common Information**

Type Material
 ID / Version 12310333 / 0.01
 Node ID 12310333
 Node Count 2
 MDS Supplier CDX Service Team (Germany)
 100% declaration ☐
 SCIP Compliance ☐
 External SCIP number
 Brand
 Type
 Model
 Is Article ☐

Name(s)

Identifier(s)

Dates

Query Lists

Product Business Info

☒ **IPC Import Meta-Data**

Importing User Schrader, Kirsten
 Importing Company CDX Service Team (Germany)
 Import Date 2/8/2024
 Supplier Company Name 3V FASTENERS
 Import Source Format IPC1754_CLASS_G
 Import File Name Test 3V FASTENERS-product-percent.xml
 Raw data file [Download](#)

The new datasheet will require only a subset of data from the imported report. For reference purposes, the original report file will be added to the datasheet as datasheet level attachment (in section IPC Import Meta Data in the Details).

Some information is still missing in your datasheet, e.g. recipient data. Please run the MDS check process to find incorrect or missing data and complete your MDS.

In addition to the Import capability you can filter in the MDS / Component / Material search screens to find only own MDSs that originated as an imported IPC1752A, IEC62474 or IPC1754 declaration:

MDS Search Ingredients Supplier data Recipient data Analysis MDS Request

Name, ID Identifier Date SCIP

Supplier MDSs ☒ none ☐ accepted MDSs ☐ Standard MDSs ☐ MDSs provided by customer

Own MDSs

☒ own MDSs
☐ last edited by me
☒ Imported ...

Assigned Org Unit
 Assigned Contact

Add import metadata

Base Import Information

Import Source
 Import File Format
 Import Date
 Filename

Supplier

Company Name
 Company Unique ID
 Contact Name
 E-mail
 IMDS Module ID
 IMDS Node ID
 Supplier Code

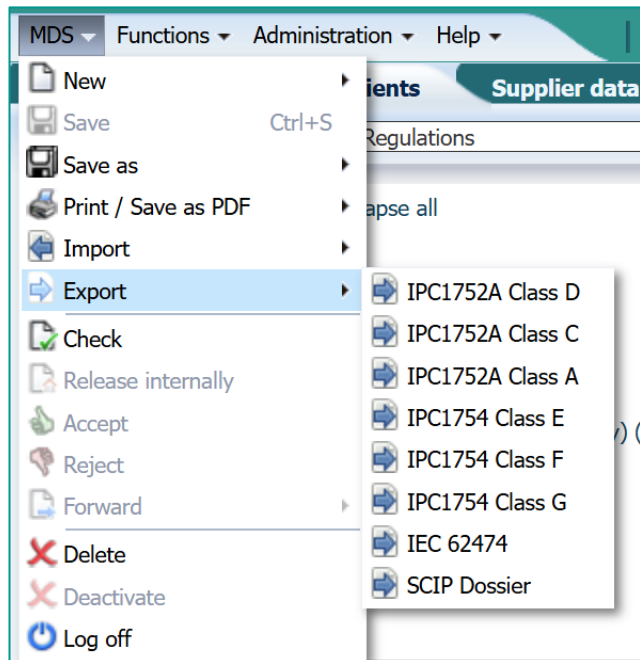
Requester

SCIP
 Company Name
 Company Unique ID
 Contact Name

OK Cancel

Export an MDS to IPC1752A, IPC1754 or IEC62474 File

With a valid MDS License, users are able to export MDSs as an IPC1752A Class C or Class D, [IPC1754 Class E, F, G](#) or also as an IEC62474 (ed. 1 and ed. 2 “NEW”) declaration. This function is available in the MDS search (context menu in the search results table) and when viewing or editing an MDS. It exports an MDS to the selected declaration. The exported data will be saved as an XML file. Please use the menu MDS > Export and choose the desired format to start the Export process:



While exporting an MDS into an **IPC1752A Class C or Class D** or also into an IEC62474 file, you can now choose in the export wizard which regulations you want to report against in the export file. The IPC regulations will be listed and you can select one (for Class D and IEC62474) or more (for Class C) regulations for the export. Additionally you can choose, if you want to include the MDS IDs from CDX in your export file. Per default, the Node ID, Module ID and Company ID of an MDS are included. Uncheck the box if not needed.

For IPC1754 you need to choose the document mode (distribute or request/reply), add a recipient company name and select the regulation in scope. You can either use the option “Select from recipient list” to choose a recipient company name from a list or the option “Manual entry” to enter the recipient company data manually.

 A screenshot of the 'IPC1754 Class F' export wizard. The window title is 'IPC1754 Class F'. Inside, there's a header bar with an information icon and the text 'In order to export the current MDS to IPC1754 report, please a) provide a recipient, b) select the regulation in scope c) click on "Download" button'. Below this, the form contains:

- Name:** 14AWG RND CBL POWER CONN
- ID / Version:** 200039195 / 0.01
- Document mode:** Radio buttons for 'distribute' and 'request/reply' (selected).
- Recipient:** Radio buttons for 'Select from recipient list' (selected) and 'Manual entry'. Below is a dropdown menu labeled 'All recipients'.
- Regulation:** Checkboxes for 'IAEG AD-DSL' and 'REACH SVHC' (both checked).
- Expected Response Date:** A text field with '8/5/2019' and a calendar icon.
- Include CDX IDs:** A checkbox that is checked.

 At the bottom right, there are 'Download' and 'Cancel' buttons.

When a single recipient is added to the Recipient Data tab, they will be automatically included in the export file. When multiple recipients are added to the Recipient Data tab, a dropdown menu will appear on the export screen. This dropdown allows the user to conveniently choose the relevant recipient company.

CDX - Compliance Data Exchange

MDS export to IPC1752A Class D has finished successfully. Please use the link below to download the resulting file.
Additionally, kindly note that some information in this XML file, are not exported from CDX, and should be manually filled out by the user (E.g. Recipient Information).

Recipient Company

☒ RoHS
☐ REACH Candidate List
☐ REACH Annex XVII
☐ IEC62474

☒ Include CDX IDs

[Download](#)

Supported by **Anthesis**

Close

Please use the “Download” button to download the resulting file:

You can open or save the file with the menu at the bottom of the screen.

Note: Please check your declaration; it may be that some information in the created XML file is not exported from CDX and should be manually filled out by the user (e.g. recipient information).

When an MDS is exported into an **IPC1752A Class C** file, all non-regulated substances are not listed in the file. The report file includes statements for all substances of the selected regulation(s), even when such a substance is not included in the MDS.

Before the Export process starts, the system is validating the MDS data. If the Export can’t be done due do wrong or missing data in the MDS, you’ll see an error message with information what needs to be changed in the MDS:

CDX - Compliance Data Exchange

Error

IPC1752A export validation error. MDS (NodeID : 1025694) is missing part numbers definition. For IPC1752A ClassD export, an MDS should have part numbers defined for Component nodes.

OK

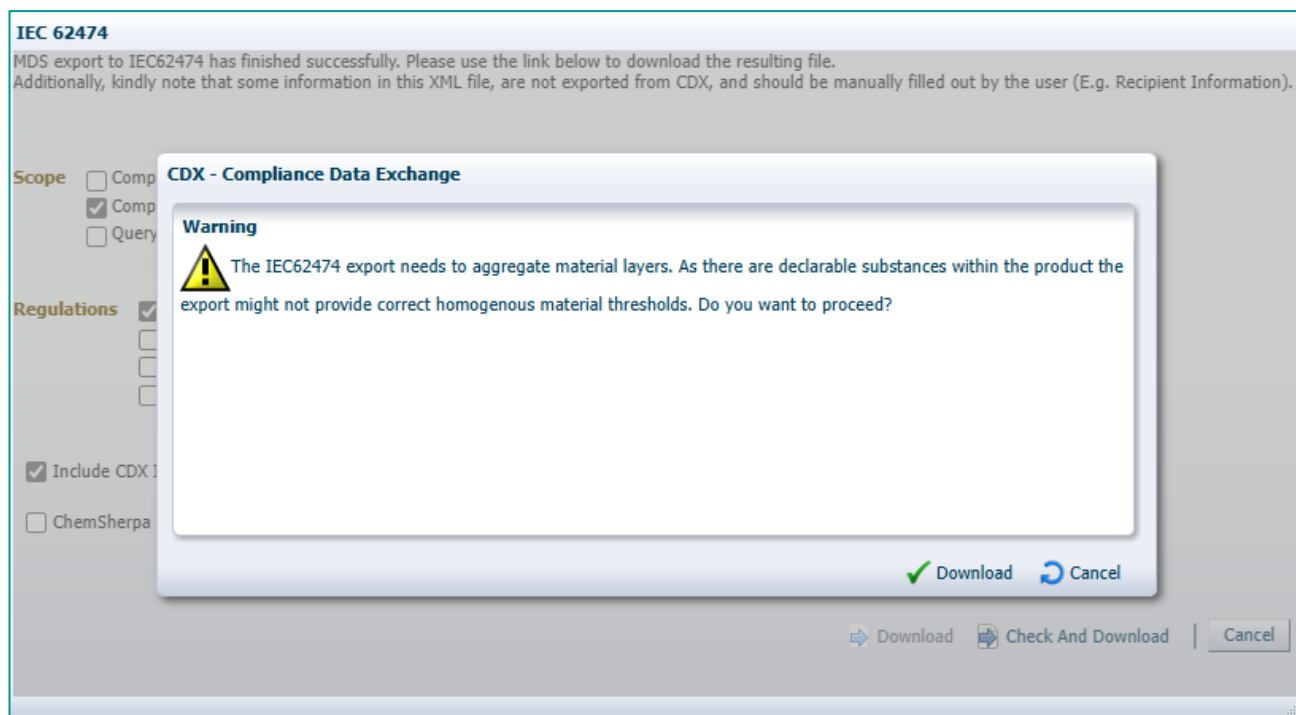
Perform the necessary changes and start the Export process again.

When exporting IEC62474 New, the system monitors specific conditions that may require attention.

During the export process, a warning popup dialog will appear if both of the following conditions are met:

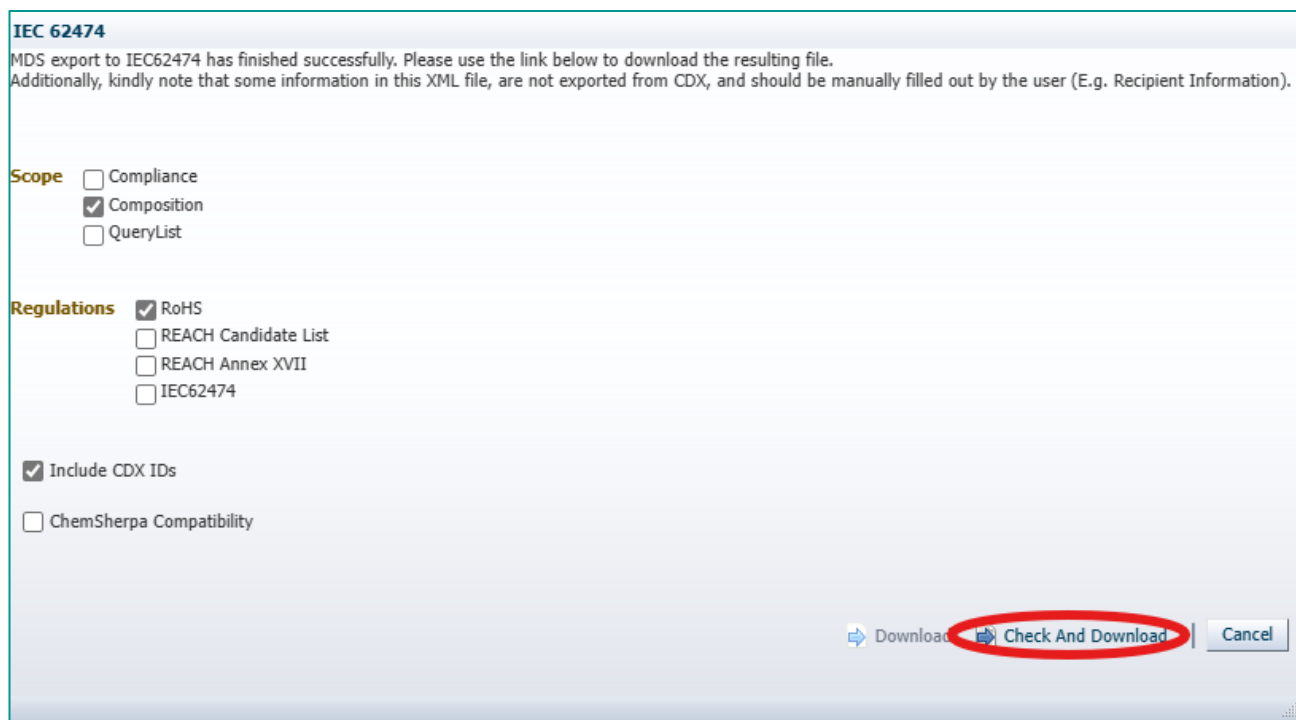
- The system detects necessary material layer aggregation (at least one material hierarchy exists in the data).
- A material-relevant regulation such as ELV or RoHS is selected for the export.

This warning serves to inform you of potential implications concerning material aggregation within the context of regulatory compliance data.



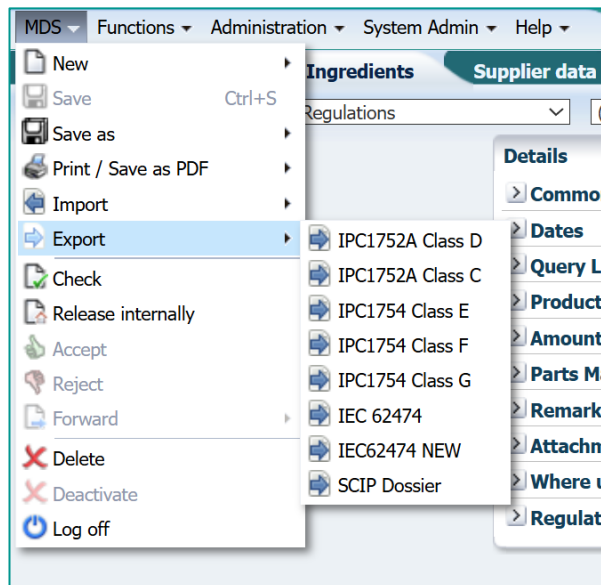
The "Check And Download" button is enabled only when both conditions are met. If either condition is missing, the button remains disabled, directing you to use the standard export process.

This feature ensures proper validation during the export of hierarchical material data for regulatory compliance, preventing issues with aggregated material reporting.

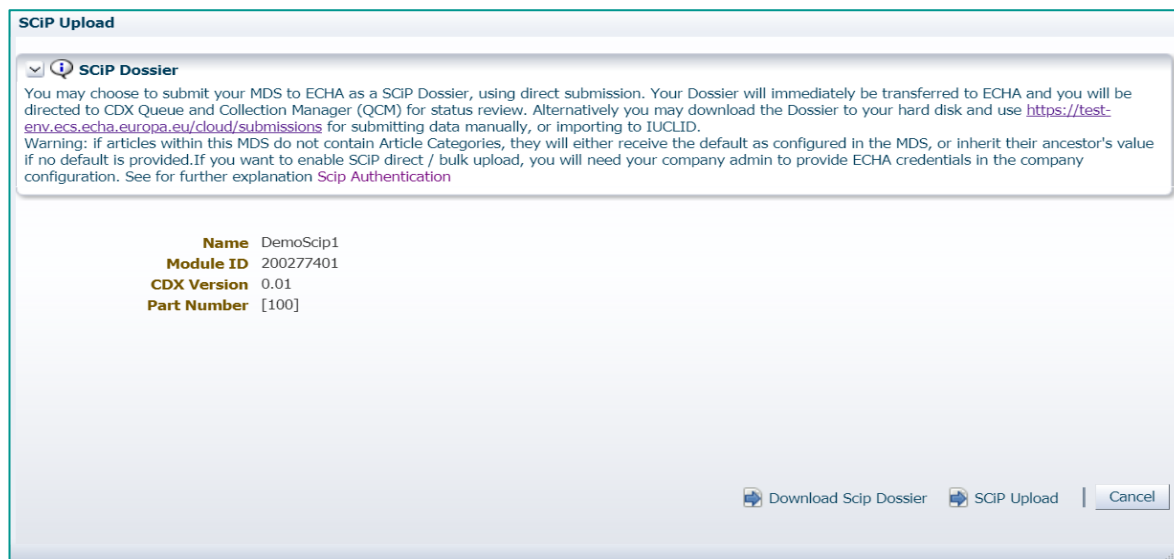


Export an MDS to SCIP Dossier

This function is available when viewing or editing an MDS and with a valid [MDS License](#) ("Entry Level" or higher is required). Please use the menu MDS > Export and choose the desired format to start the Export process:



And the export SCIP dossier dialogue will be opened directly:

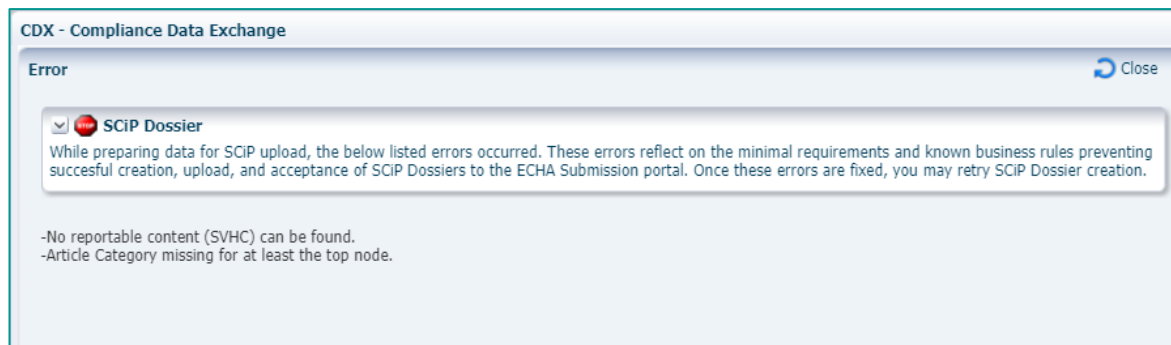


If you click on **SCIP Authentication** it will open a new tab with a document showing how to prepare your company for SCIP submission.

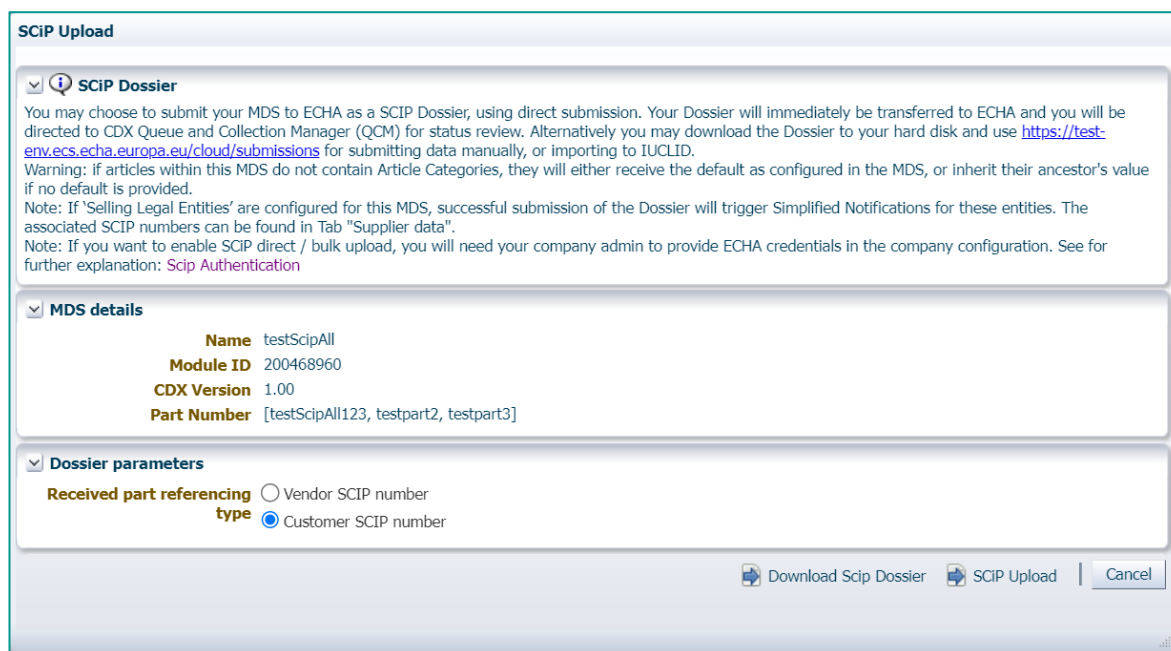
Warning: If articles within this MDS do not contain Article Categories, they will either receive the default as configured in the MDS, or get the value of their predecessor if no default value was specified. The following rule checks will be executed before allowing creation of a SCIP Dossier:

1. The MDS must have at least one article containing REACH Candidate List regulation substances (current version of the list) at above 0.1%.
2. Article Categories in Product Business Information must be set for at least the MDS top node.
3. The MDS must have part numbers set for all contained articles.

All failing checks will be listed in the export wizard:



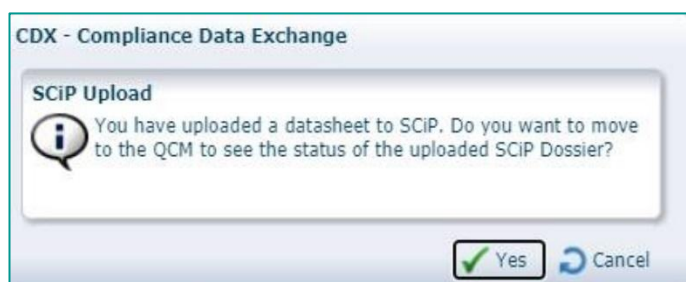
You can close the screen and change your MDS to meet the check criteria and start the export process again. If the MDS passed all rule checks the export wizard will look as follows and you can "Download SCIP Dossier" or upload it directly to the SCIP database:



In the (**Dossier parameters**) section of the wizard, you can override the original value of the attribute named (**Received part referencing type**) configured at the company level to choose which SCIP number shall be used when referencing a received sub-part that has both a vendor provided SCIP number (generated by supplier) as well as customer provided SCIP number (generated by your company) .

If you clicked on SCIP Authentication it will open a new tab with a document showing how to prepare your company for SCIP submission.

The button " SCIP Upload" will start a job, which will transfer the MDS information to the SCIP database itself. After clicking the button, the " SCIP Upload" dialog (see above) will disappear. After that, a Pop Up (see below) will appear. The user can decide if he wants directly to be transferred to the associated QCM folder.



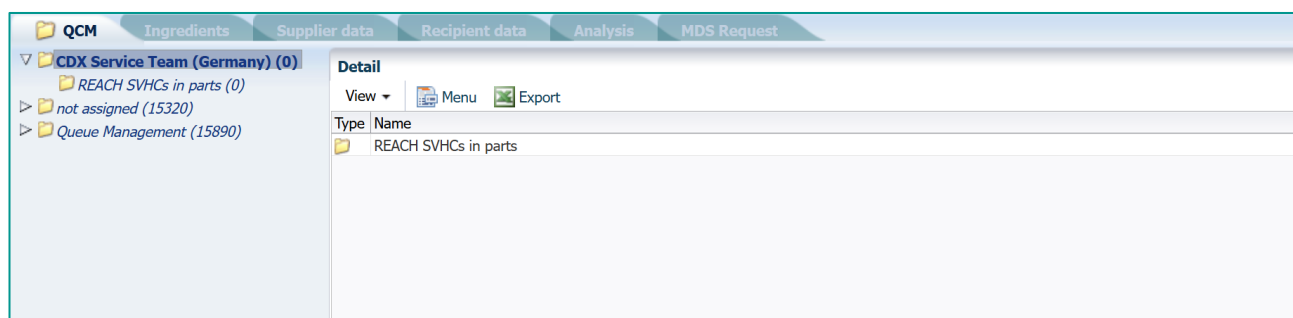
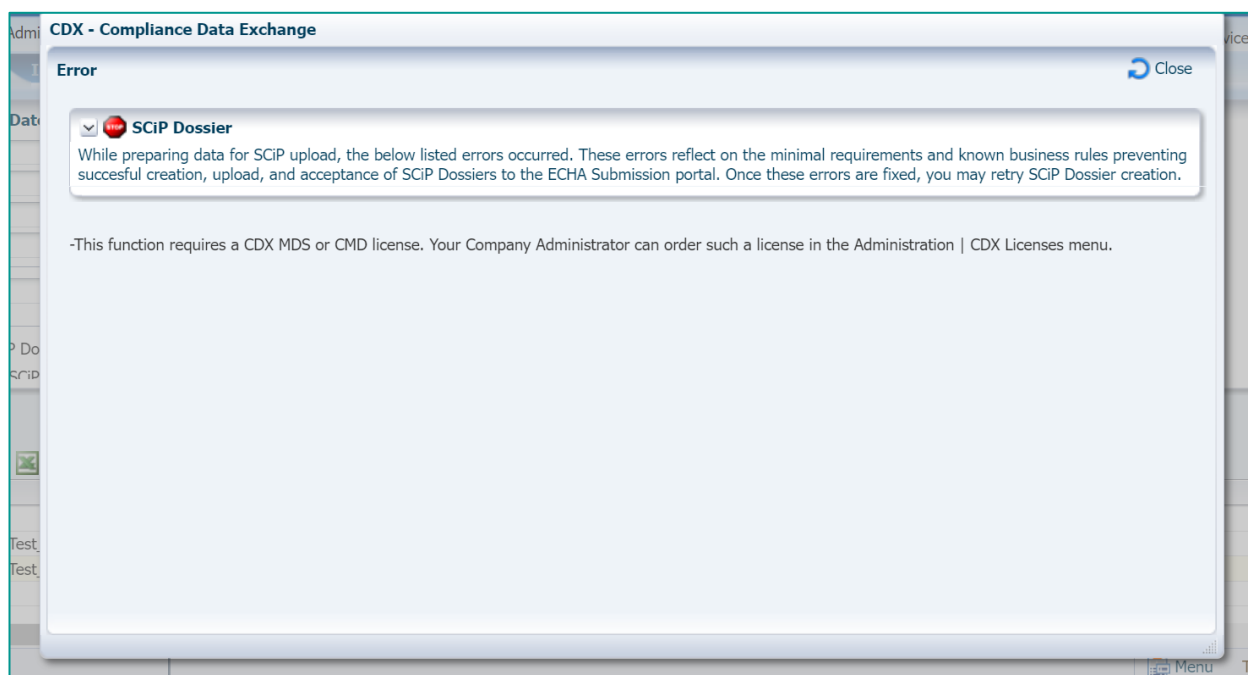
In the [Queue and Collection Manager \(QCM\)](#), the job status and some additional information will be displayed. In case the SCIP Upload has failed, it can also be restarted in the QCM.

SCIP Uploading

Users can perform the SCIP upload functionality through the following functions in the system

1. MDS menu :MDS/Export/SCIP dossier from Datasheet search screen: right click on an MDS/group of MDSs from the search results/ Export/SCIP dossier
2. Accept received MDS and create SCIP submission upon accepting
3. Where-Used-Analysis: right click on the resulted MDS/MDSs after performing the Analyze functionality/ SCIP dossier
4. Using the upload API (web service): by adding echaSubmission(true) to <Ingredients>
5. Using the SCIP bulk upload web service.

The system should check first if this user belongs to a Company which has a valid SCIP license. If not, an error message will be displayed for the user notifying that License is required to do this action.



SCIP report cleaned up part without SCIP number

The user has the option to re-report a previously reported part (using CDX) as "clean" after the removal of substances of very high concern (SVHCs). This option is available even if the cleaned part does not have a SCIP number. The cleaned part could have been created in any of the following ways:

- As a copy of the previously reported MDS
- As a new MDS version
- As a copy of the previously reported MDS
- As a new MDS

- As a new MDS with the same main part number.

SCIP Referencing

CDX now makes use of the referencing mechanism in SCIP Dossiers for its own MDSes. Whenever an MDS is pushed to ECHA that contains “company owned” nodes holding a SCIP number, CDX will create a SCIP reference and not do a full Dossier.

CDX as well will support the creation of SCIP Dossiers upon acceptance of supplier parts, making it possible to also use these for SCIP referencing. Note that this will not create an SSN against a supplier part, but a full Dossier for this, based on recipient specific information.

If a SCIP dossier only includes the supplier's SCIP number (either the external SCIP number or the CDX SCIP number) for a received MDS part, then the same SCIP number (supplier's SCIP number) must be used for referencing.

If a SCIP file for a received MDS part only contains a customer SCIP number generated by the recipient (recipient CDX SCIP number), then the same SCIP number (customer SCIP number) must be used for referencing.

If a SCIP dossier for a received MDS part contains both SCIP numbers (supplier SCIP number from supplier and customer SCIP number from receiver), the user will be prompted to choose which SCIP number to reference.

Prevent automated SSN submissions by recipients before Mass upload of SCIP Dossiers

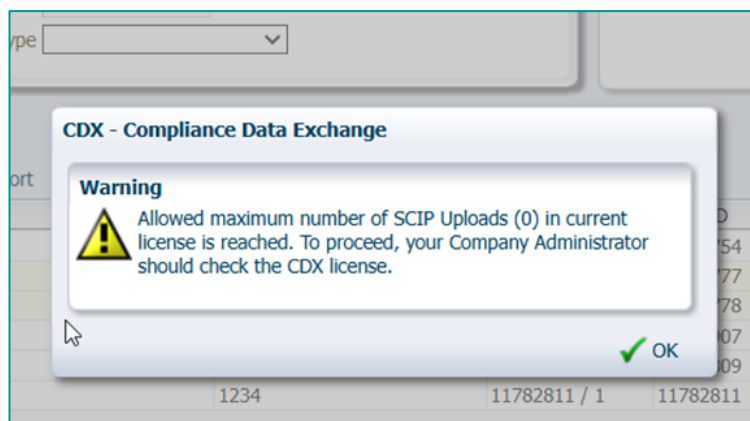
If the recipient of an MDS attempts to submit a SCIP dossier for a received vendor MDS for which distribution units (legal entities) have been co-configured, the system should not automatically send SSNs for the vendor pre-configured distribution units upon successful SCIP submission.

If the supplier of an MDS attempts to submit a SCIP dossier for its own MDS for which distribution entities are configured, the system should automatically send SSNs for the configured distribution entities upon successful SCIP submission.

SCIP Multiselect Support

Please note that the ability to submit multiple datasheets directly to ECHA is a license-dependent feature.

Users with a standard Entry License are limited to creating and downloading a SCIP dossier for a single, individual MDS. This dossier must then be manually uploaded to the ECHA Submission Portal. Consequently, if a user with an Entry License attempts to use the multi-select functionality described below, the action will be blocked and a warning message will appear:



It is possible to select multiple datasheets to transfer to ECHA. The functionality is available in an MDS Search, Component/SemiComponent and/or Material search. In addition, the same behaviour is available in the "Where-Used-Analyzes" functionality for analyzed datasheets.
In case multiple datasheets are selected, the functionality is available by doing a right click

Component Search

Ingredients

Supplier data

Recipient data

Analysis

MDS Request

Name , ID

Identifier

Date

SCIP

Name , Part/Item No. , ID

Name

Part/Item No.

MDS ID

Node ID

Attachment Type

View

Menu

Export

Type

Name

Part/Item

SPH7655L

SPH7655L

#MS IPC 1754

asdfd

01Copy_Inactive MDS Referenc

IMDS.LEG.011

12336448 / 0.01

12336448

221

CDX Service Team

0608DP4B BUSH

0608DP4B

13139994 / 0.01

13139994

1

CDX Service Team

09321030055 THREAD INSERT

09321030055

13139996 / 0.01

13139996

1

CDX Service Team

00321250005 THREAD INSERT

00321250005

13130008 / 0.01

13130008

1

CDX Service Team

Supplier MDSs

none

accepted MDSs

Standard MDSs

MDSs

Supplier

Company / Org

No supplier to display

Edit

View

Copy

Delete

Deactivate

Print

Check

Copy to clipboard

Release internally

Export

IPC1752A Class D

IPC1752A Class C

IPC1754 Class E

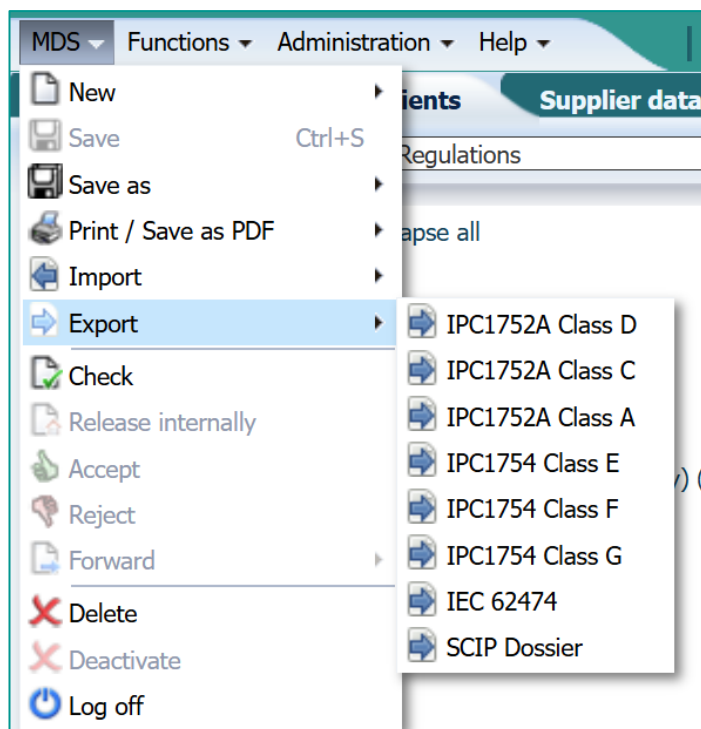
IPC1754 Class F

IPC1754 Class G

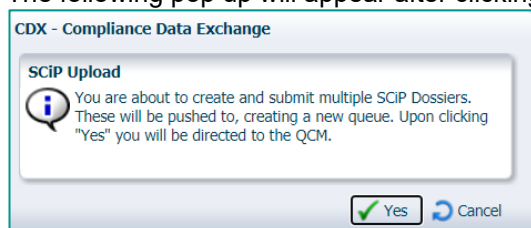
IEC 62474

SCIP Dossier

or clicking on "MDS" => "Export" => " SCIP Dossier".

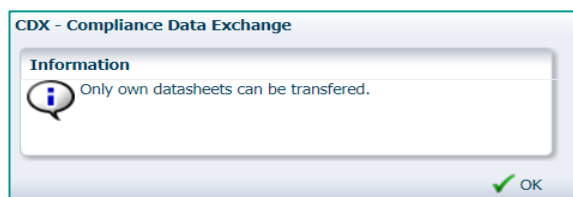


The following pop up will appear after clicking the button " SCIP Dossier".



After clicking on the QCM will open and the selected datasheets are in a newly created SCIP Submission folder. The folder name includes the date and time of the transferred datasheets. Afterwards, the job will trigger the upload to ECHA.

At least one own material has to be selected, otherwise the following error message appears after clicking on " SCIP Dossier". All other datasheets which are not own datasheets will be ignored and not transferred, regardless if they are selected.



MDS REQUEST

The MDS Request function is a powerful one. Before using it, please communicate with your suppliers outside of CDX and agree that you are going to use this function to communicate requirements. You will need to know to which CDX company to send the Request. This section details how to use the MDS Request function.

Parts of a Request

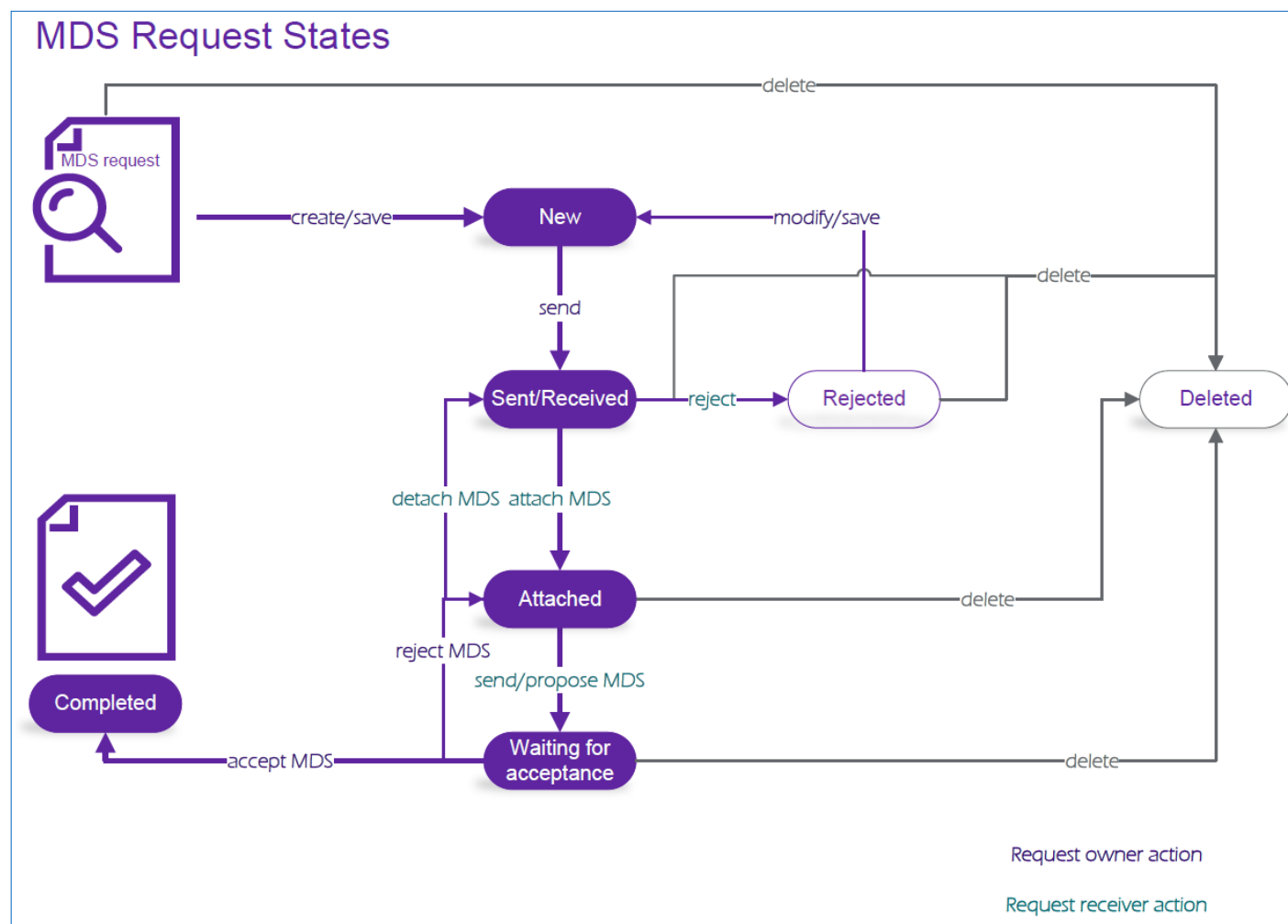
A Request tells a supplier which attributes the MDS must have (mandatory), and the value of these attributes.

The Request itself consists of three parts:

- A set of mandatory MDS attributes (base and recipient specific data)
- Requested values (optional) for the required MDS attributes (only recipient-specific data)

- Administrative data, which is Request-specific

The following figure describes the workflow associated with the MDS Request:



Request Terms: Recipient Versus Supplier

An MDS Recipient creates a Request to an MDS Supplier. The MDS Recipient is the Request Owner and the MDS Supplier is the Request Recipient. To avoid any confusion, the terms **MDS Recipient** and **MDS Supplier** are used.

MDS Attributes

Requested attributes can be segmented into two types: **Base Attributes** and **MDS Recipient Specific Attributes**. In the request, the Requestor (MDS Recipient) indicates the data they are expecting. Most information is optional. However, the MDS attribute “Part Material Name” and the “Deadline Date” are required.

The following **MDS Base Attributes** refer directly to the product and are the same for all MDS recipients:

- MDS type
- 100 % Declaration
- Attachment Required: If checked, the Required Document Types must be selected from the dropdown list.
- Various values depending on MDS type like Measured Weight and Parts Marking (Component), Specific Weight (Semicomponent), Symbol and Standard Material No. (Material), Regulation and Basic Substance Group/List

The following **MDS Recipient Specific Attributes** are data items associated with the Recipient Data tab on the MDS:

- Supplier Codes (Company Supplier Codes and Admin Supplier Codes)
- Part Material Name (mandatory)
- Part/Item Number
- Supplier Part/Item Number
- Forwarding allowed
- Drawing with Number, Date, Change Level
- Purchase Order with Number and Bill of Delivery Number
- Report with Number and Date

Requested values of attributes are automatically inserted into the assigned MDS data fields and cannot be overwritten. If they are empty, MDS suppliers have the option to enter their own values.

Administrative Data

Administrative data is data referring directly to the Request. This is data the Requestor (MDS Recipient) uses to manage the requests in their company, such as:

1. Status (system generated)
2. Deadline Date, which is the date until the MDS Recipient expects to receive the requested MDS
3. Supplier (the user can search for already in CDX registered companies or choose to send the request to a company not registered in CDX)
4. Requester: Company / Org-Unit ID of MDS Recipient and Contact person (system-generated)
5. Project, which is used to group requests. Projects are created by Company Administrators and are valid company wide (in MDS Recipient's company). Comment, which is mandatory for a rejection

MDS Request Statuses

The Request status describes the following:

- A new Request (status "new")
- The request is sent to a MDS Supplier (status "sent" for the Requestor, "received" for the MDS Supplier)
- The MDS Recipient answers a question and sends Request (status "sent", "received" for MDS Supplier)
- The MDS Supplier has assigned an MDS but not sent it yet (status "attached")
- The MDS was sent (status "waiting for acceptance")
- The MDS has been accepted (status "completed")
- The Request receiver (MDS Supplier) rejected the request (status "rejected")
- The Request was cancelled (status "deleted").
- The due date of a Request has passed ("expired").

The MDS Requestor can also change the status of an MDS Request, either by using the Context Menu (right mouse-click > Delete) in the Request search or by using the Delete function in the MDS menu in the MDS Request details.

Creating Requests

If you use Projects, the first step is to create the project. For the purposes of this section, we will assume that either you are not using Projects (which is optional) or that your Projects are already created.

Requests can be created by any User profile except Read-Only. You have two options to create requests:

- Create a single MDS request by using the function MDS > New > MDS Request or
- Create multiple MDS requests by using the provided MS Excel Template and upload the file into CDX

The first option is described in the following section. A description for creating multiple MDS requests with the MS Excel file can be found in chapter "Outbox", because it is only relevant for own MDS requests.

The Request attributes are as follows:

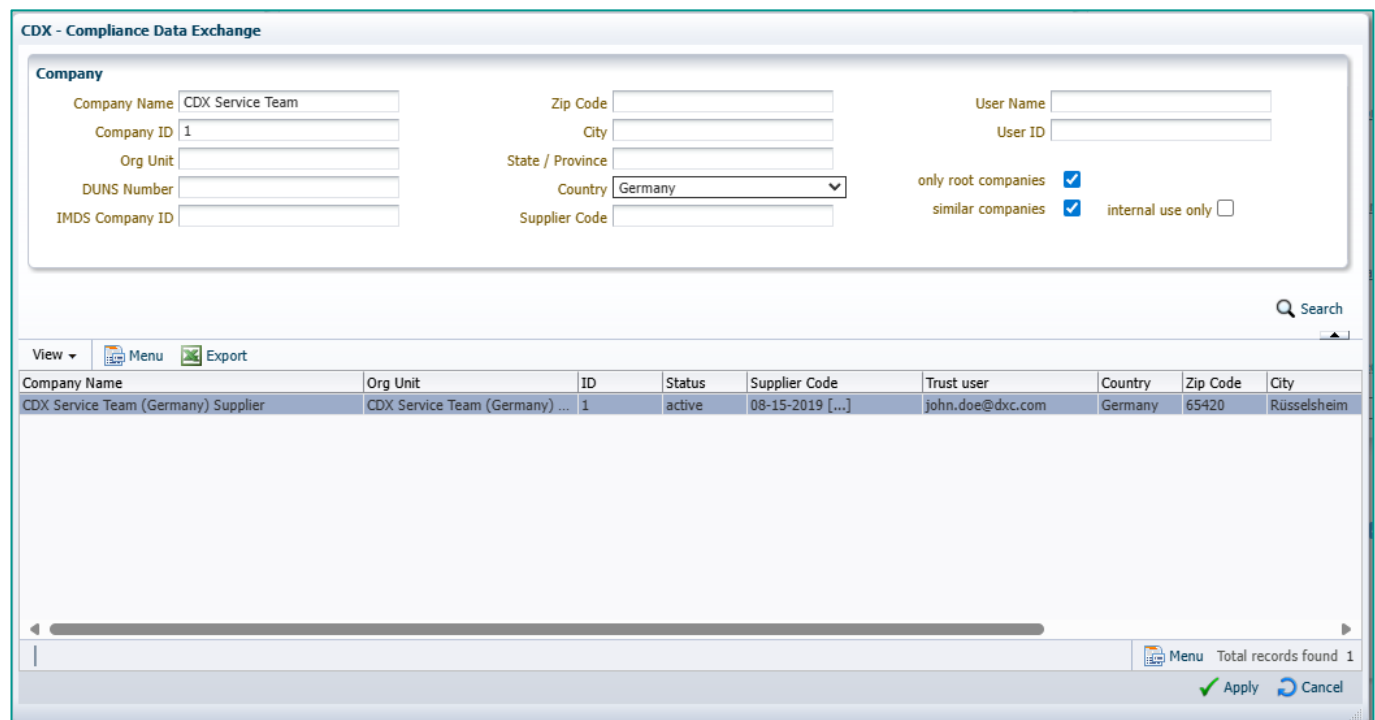
Field	Description
MDS Request	
Status	System generated – Request Status
Deadline Date	The date the response is due. This is a required field.
Supplier	The MDS supplier who will receive this request.
Requester Company	System generated – CDX name of company generating the request and where the supplier will send the response to the request.
Requester Organization Unit	If you are assigned to Org Unit(s) in your company, you can select the Org Unit, which is requesting data – only this Org Unit will receive the requested MDS.
Requester MDS Contact	System generated from User ID of person creating request.
Project	Project number the Request is assigned to.
ID	System generated – MDS Request ID
Comment	Here you can enter additional information for your supplier, what information you expect or how to answer the request.
Attachment	Here you can add attachments and a short description to your request. The allowed file formats are the same as for an MDS attachment. You can upload up to 11 documents with a size up to 10 MB per file. For more information please read the chapter "Attachment" in the MDS section.
Recipient Data	
Company Supplier Codes	You may enter one or more specific Supplier Code(s). The supplier will not be able to change the code(s).
Admin Supplier Codes	When selecting a CDX listed supplier with pre-defined supplier code(s) (done by the Company Administrator in the Administration > Company menu), the pre-defined Supplier Codes will be loaded here as "Admin Supplier Codes".
Part Material Name	The Name is required. You may also enter the specific name. The supplier will not be able to change the code.
Part / Item No.	Check the box right next to the table if required. You may also enter a value (one or more Part/Item numbers) or import multiple numbers from a text file (Browse). The supplier will not be able to change the code.
Forwarding Allowed	Check the box if you require forwarding to be allowed.
Drawing No.	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Drawing Dated	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Drawing Change Level	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Purchase Order No.	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Bill of Delivery No.	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Report No.	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
Date of Report	Check the box if required. You may also enter a value. The supplier will not be able to change the code.
MDS	
Type	Choose the Type of expected MDS– Component, Semicomponent, Material or Battery
100% Declaration	Check this box if Basic Substance declaration is required and that the Basic Substances on the parent node must equal to 100%.
SCIP Compliance	Check this field for SCIP compliance. The default value of this flag is triggered in the company admin screen.

Field	Description
Attachment Required	When Attachment Required is checked, the system pre-fills the required document types based on the default Company Settings. The user can override these defaults by modifying the selection in the dropdown list to enforce specific requirements for the request. Additionally, the screen dynamically updates to show only fields relevant to the selected MDS Type.
Measured Weight per Item	Check this box if you require the value of Measured Weight per Item to be entered on all Components and Batteries in the tree structure.
Parts Marking	Check this box if you require the Parts Marking question to be answered on all Components and Batteries in the tree structure.
Specific Weight	Check this box if you require the Specific Weight to be given on all Semicomponents in the tree structure.
Symbol	Check this box if you require a Symbol on all Materials in the tree structure.
Standard Material No.	Check this box if you require a Standard Material Number on all Materials in the tree structure.
Regulation and Basic Substance Group/List	Choose a Basic Substance Group/List to which the MDS request should refer. Here you can also choose your own Company Specific Basic Substance List to give to your client, including the Basic Substances that should either be contained or not contained in the requested MDS.
Regulation	Choose all Regulations (common and company specific) which should be in scope for the requested MDS. All Regulations in scope for the requesting Company/Org Unit (as defined in the Company details) are marked by default. You can change the selection by changing the requester org unit. Or you can mark/unmark the Regulations in scope as well as the field "Confirmation required" manually, but this will override your Company's or Org Unit's default regulation selection for the requested MDS. Also, you can uncheck "Product Not Affected" allowed" (which is marked by default) to avoid "product not affected" as possible answers in regulation confirmation of the requested MDS.

Selecting the Supplier

You can search for a company already registered in CDX by using the company search function .

A popup window will be shown, which enables users to apply filters and view matching companies in a table format. Under the View menu, users can adjust column visibility by selecting Columns, where they can show or hide specific fields such as Company Name, Org Unit, ID, Status, Supplier Code, Country, Zip Code, City, and State/Province. A Trust user column is available exclusively to company administrators and is visible only within the interface. This column is not exportable and will not be included in exported Excel files. The export function provides all other displayed company information.



CDX - Compliance Data Exchange

Company

Company Name: Zip Code: User Name:

Company ID: City: User ID:

Org Unit: State / Province:

DUNS Number: Country: only root companies: ☒

IMDS Company ID: Supplier Code: similar companies: ☒ internal use only: ☐

 Search

View  Menu  Export

Company Name	Org Unit	ID	Status	Supplier Code	Trust user	Country	Zip Code	City
CDX Service Team (Germany) Supplier	CDX Service Team (Germany) ...	1	active	08-15-2019 [...]	john.doe@dx.com	Germany	65420	Rüsselsheim

 Menu Total records found 1

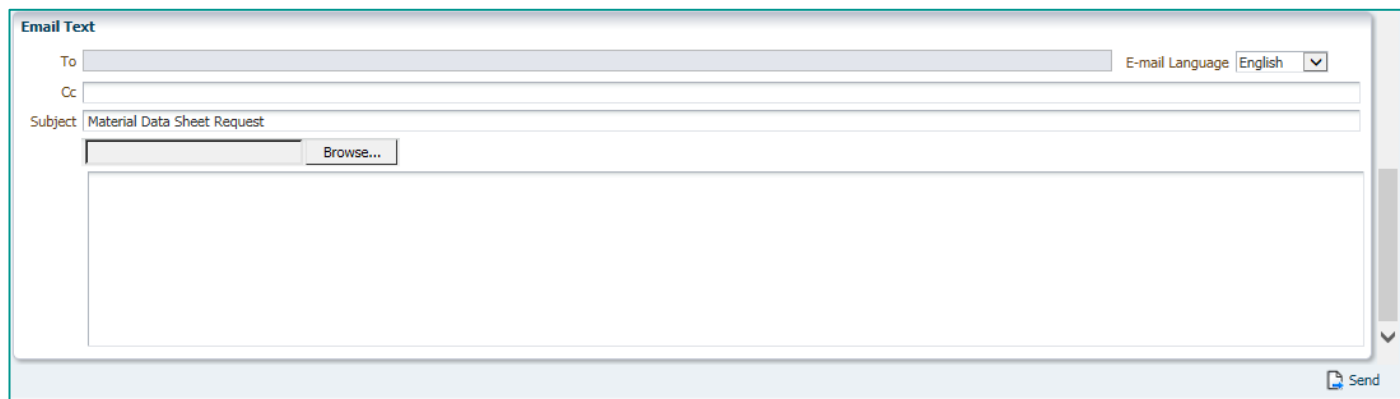
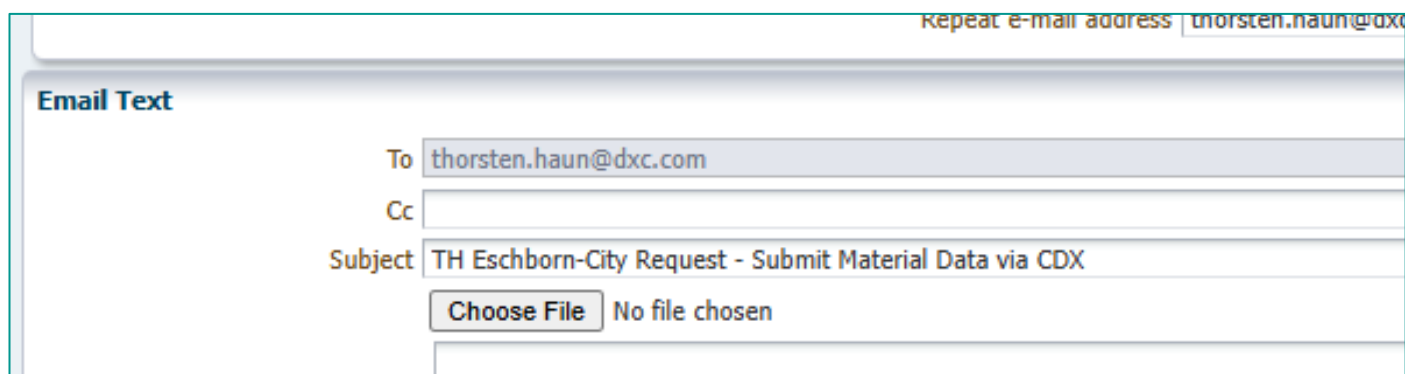
 Apply  Cancel

You can also send your request to a company not already registered in CDX. When you activate the field “not registered in CDX”, additional fields appear in the lower area:

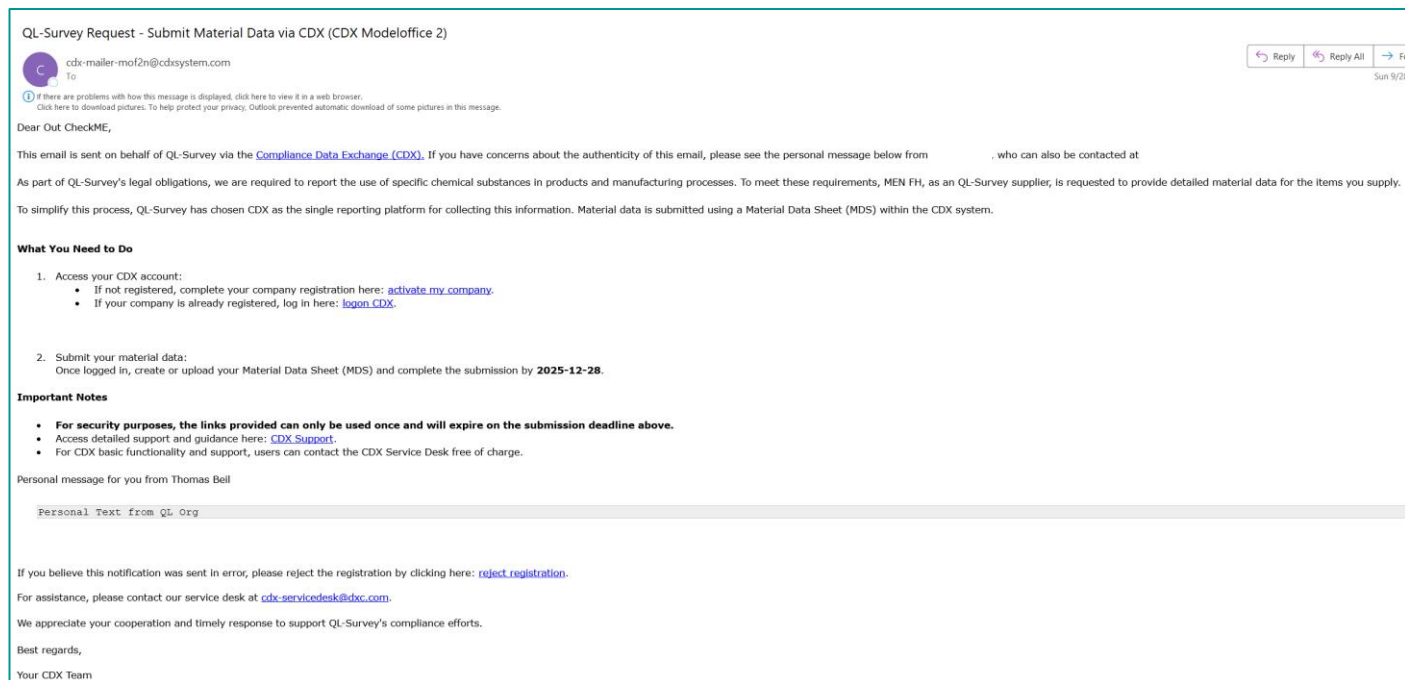
Please fill in the required information for the company you want to send the MDS request (all fields with a red * are required).

You can also select a specific Requester Organisation Unit for the request. If an OrgUnit is selected, the system-generated email subject will display this OrgUnit name instead of the root company name.

At the end of the window you can also include a note to the email that the system will send out. Here you can add helpful information for suppliers, who have not yet registered in CDX and might need guidance on how to answer your request. If your company has a valid CDX license, you can also add attachments here. The following file formats can be uploaded: xls,xlsx, doc, docx, pdf. Please use the  Delete button to remove the attachment.

After saving and sending, the Company Administrator you entered will receive an email with an invitation to register in CDX and the relevant information for using the system. Supplier will receive a number of reminders based on the sender's company settings.



You will be notified by email as soon as the Company Administrator has activated this company registration. As long as the supplier company has not confirmed the registration, you are allowed to update and/or resend the registration request. This can be done in the request itself by using the “Send” button at the bottom of the screen. Here is also the “Send History” available. By double-clicking on an entry in this table you can open the already

sent registration request email:

Send History				
Subject	E-Mail address	Date Sent	Sent Status	Has Attachment
Material Data Sheet Request	aya-allah.tarif@dxs.com	5/14/2018	SENT	No
Material Data Sheet Request	aya-allah.tarif@dxs.com	5/14/2018	SENT	No

When you send the Request to a company already registered in CDX, the company will receive the Request directly in CDX. All users in this company, who have subscribed to email notifications for "Material Data Sheet (MDS) Request received" will receive an email similar to the following:



Mi 31.01.2018 15:27

cdx-mailer@cdxsystem.com

Material Data Sheet (MDS) Request received from CDX Service Team (Germany) Supplier (1) (Name:My123Part) (C

To ☐ CDX Info

Dear CDX Standard Materials,

A Request for the Material Data Sheet (MDS) "My123Part" due on 04/30/2018 has been sent by CDX Service Team (Germany) Supplier (1) to CDX Service Team (Germany) (0).

Recipient specific data

Request ID	7555
Name:	My123Part
Drawing No.:	-
Drawing dated:	-
Drawing Change Level:	-
Purchase Order No.:	-
Bill of Delivery No.:	-
Report No.:	-
Date of Report:	-
Comment:	-

You can directly open the request [7555](#) after logging on to CDX using this link.

As an alternative you can manually navigate through CDX as described here:
Once you have logged in [CDX](#), please select the InBox  from the Toolbar (or use the menu Functions InBox). Select MDS Request. In the resulting screen, click Search  (on the right) to locate the client request.

With the provided link the Request recipient can open the request directly after login to CDX. Instead of the CDX main screen (MDS / CMD Search) the received MDS Request will be displayed.

If you send a Request to a CDX company without active users, you will receive an email notification that your request was not sent due to inactive user(s) in the Request recipient company. You will also be notified when the recipient company does not have a user who has subscribed to email notifications about received requests.

Bounced Registration Emails

When opting to send your MDS request to a company that is not yet registered in CDX, a registration email will be dispatched to the provided email address for that specific company.

In the event that the registration email cannot be delivered to its intended recipient due to a technical delivery error, CDX will detect the error and promptly notify the requesting user.

Common delivery errors include "User unknown," which occurs when the email address used is no longer valid, or "mailbox full," indicating that the email address owner has exceeded their email quota.

Please be aware that CDX will not recognize or issue an alert if the recipient has set up an automated reply, such as an absence notification.

The notification regarding the undeliverable registration email will have a similar format as follows:

Dear

You are receiving this email because you have initiated MDS|CMD request **90025, Test Wrong Email** for Company **ACME Test Wrong Email GmbH (39923)** in CDX. The Registration Request sent to company **ACME Test Wrong Email GmbH, 2023 May 23 00:00:00** has not been delivered successfully due to an SMTP error.

Delivery error: **550 Requested action not taken: mailbox unavailable (in reply to RCPT TO command))**

Sincerely,
Your CDX Team

Please take note that there might be a significant delay (several days) between sending the MDS Request and receiving notification of an email delivery error. This is because, in some cases, email systems make multiple delivery attempts before assuming a permanent failure.

Adding Projects

Projects are grouping criteria for Requests and are valid company wide. Projects are created in the Administration Company. The project will be in the list at the bottom of the window. Click on it to highlight the project. You will be returned to your Request window.

Multi-Tier (MT) License

A field "MT voucher" has been added to the MDS Request to allow users to create and send either a Multi-Tier (MT) License request or a standard request.

The request is flagged as sponsored if the user selects a Multi-tier voucher to this MDS-Request.

The new field is greyed out If the company's license does not have an MT capable license flag checked and there is no MT voucher linked to the user's company.

In the Received MDS Requests (Inbox), you can filter requests by their sponsorship status. Check the **Sponsored Requests** checkbox to display only requests that have been flagged as sponsored, indicating that transaction costs have been covered by the requester through a Multi-Tier voucher.

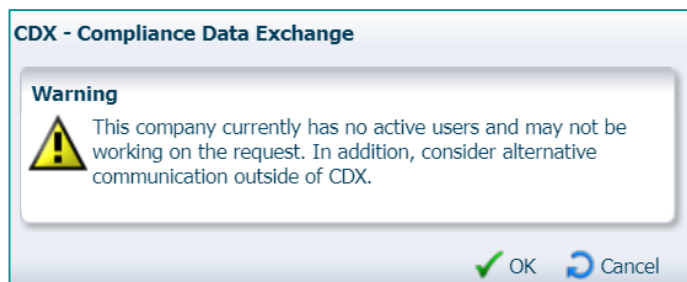
Sending the Request

After you finish entering all of the data, please use the  icon on the toolbar and the system will perform a check. You need to click on the  Send icon on the lower right of the screen to send your Request to your supplier. If you want to send a request again to your supplier (because the due date passed or the supplier missed to activate his company) you are able to re-send it by using the  Send icon in the lower right of the MDS Request screen.

If we try to send a request to company without active users the system is going to inform us with the following

warning popup to act accordingly.

Note: Users with profiles such as REST_API or REST_OAuth are not considered active users, as these profiles are designed for using web services and cannot perform actions directly on the MDS.



Rejecting a Request

Anyone who can create a Request or MDS can reject a Request. When a received Request cannot be handled by the MDS supplier, it may be rejected and a comment added. It will get the status **rejected** for the MDS supplier and the MDS recipient. If the Request is rejected, a rejected reason by the MDS supplier is mandatory.

When you are Viewing the Request, in the lower right of the screen you will see three options:



To reject the Request, click on the Reject button and enter your reason for rejecting. Click on  **Apply** to send your rejection.

Responding to a Request

Three options are available to respond to a request: creating a new MDS, acknowledge that declaration remain the same as last year or assigning an existing MDS. You will only be able to attach an existing MDS that was created by your CDX Company.

Using Multi-Search to Find Requests

Instead of searching for individual requests, you can use multi-search  to find multiple requests at once by uploading or pasting a list of values. This is useful when you need to locate a set of requests from specific suppliers or belonging to certain request groups.

For detailed instructions, see [Multi-Search Upload Feature](#).

Assign MDS from Previous Year

As an option to streamline responses to repeated MDS requests, users can single- or multi-select MDS requests that have no relevant updates since the previous year, and automatically assign a revised version of the corresponding prior year's MDS.

In cases where the prior year's MDS was submitted as part of a request group, a new request group will be created from the current requests, and the updated MDS attached automatically. Users are notified by email upon completion of the process with results for each request.

Assign Existing MDS to Request

In this case, we will assign an existing MDS. Here you have also two options: either directly from the MDS Request Inbox or in the Request itself. You can mark one or more received MDS Requests directly in the Request Inbox to launch the assign process with “Assign MDS” from the context menu or with the right mouse click:

Please note, that the menu item “Assign MDS” is only offered if the following conditions are met:

- All selected requests are assignable (~ in “received” / “overdue” state).
- All selected requests must share the same MDS type.

When you click on the “Assign MDS” the MDS search window is opened, where you can search for and select the desired MDS. When you click on “Apply”, the Details tab of the MDS is opened, the Requester is added as Recipient in the Recipient Data tab, and in the Request tab you see the MDS is assigned to the request. You can now propose / send the MDS to the recipient.

Within the received Request you need to click on the “Assign MDS” button at the bottom of the window to assign

the MDS. The search window opens where you can search for an MDS of the requested type (Component, Semicomponent, Battery or Material). The recipient company is inserted automatically in the Recipient Data tab.

With the button  **Unassign MDS** you can remove any assigned MDS from the received request. After assigning, you can Send/Propose it to the requesting company.

Create MDS

To create an MDS, you will get a message that the new MDS has been assigned to this request. The requested MDS recipient data is inserted automatically. You need to create the MDS as explained in the previous sections. Once the MDS is completed, go to the Recipient Data Screen and supply any other information and Send/Propose to the Recipient in the normal fashion.

MDS Request Group

CDX offers suppliers the ability to assign Material Data Sheet (MDS) that describes quasi-identical parts to an MDS request group instead of a single MDS request. This feature enhances efficiency in managing requests by:

- Identifying quasi-identical parts among received MDS requests
- Grouping corresponding MDS requests into MDS request groups
- Managing these groups by adding or removing requests as needed
- Deleting groups when they are no longer required

This functionality streamlines workflow, reduces redundant work, and improves organization of compliance-related data.

When managing MDS request groups, suppliers should be aware that this feature enables OEMs to identify similar parts for compliance purposes. Consequently, suppliers might receive multiple MDS requests for parts that can be addressed by a single declaration.

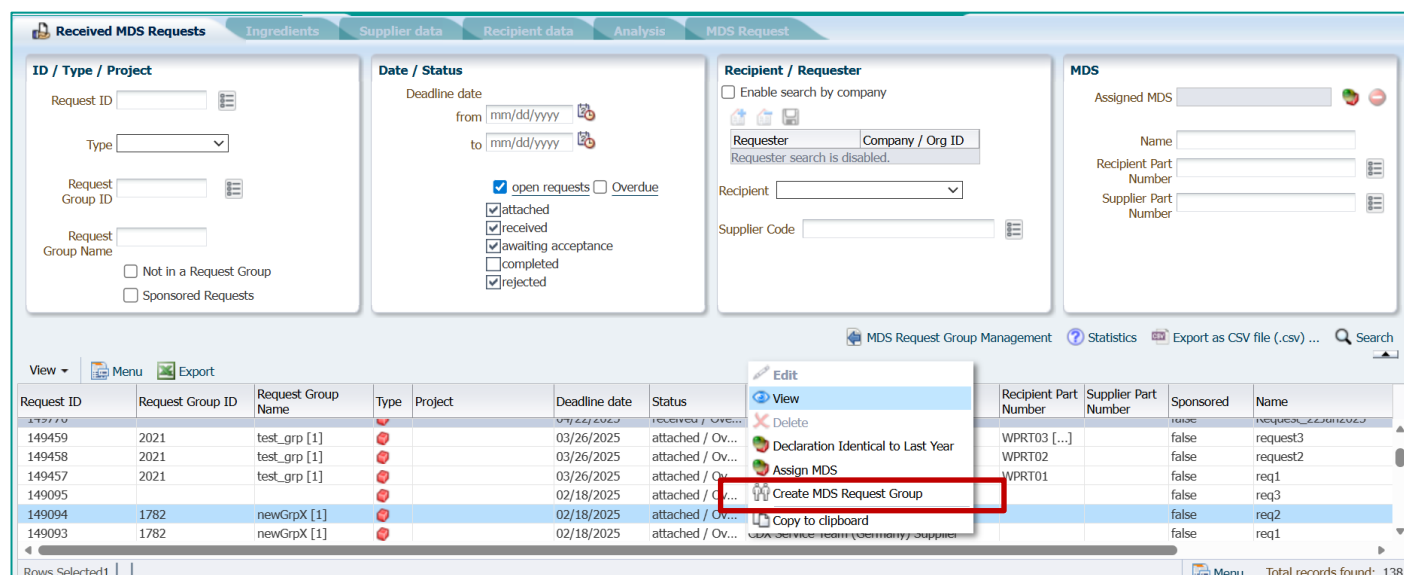
The MDS Request groups functionality allows suppliers to:

- Consolidate multiple requests for quasi-identical parts under one group
- Respond with a single MDS that covers all parts in the group
- List multiple part IDs, part ranges, or part families in the consolidated response

The system enforces specific rules for grouping requests. Grouping of MDS requests is only permitted if all requests in the group were sent to the same organizational unit or root company.

Create MDS Request Group

To begin creating a group, navigate to the MDS inbox (Received MDS Requests). Select a single MDS request in "received" status to serve as the basis for your group. Click the "Menu" button and choose the "Create MDS Request Group" function from the menu options.



Request ID	Request Group ID	Request Group Name	Type	Project	Deadline date	Status	Recipient Part Number	Supplier Part Number	Sponsored	Name
149459	2021	test_grp [1]			03/26/2025	attached / Ov...	WPRT03 [...]		false	request3
149458	2021	test_grp [1]			03/26/2025	attached / Ov...	WPRT02		false	request2
149457	2021	test_grp [1]			03/26/2025	attached / Ov...	WPRT01		false	req1
149095					02/18/2025	attached / Ov...			false	req3
149094	1782	newGrpX [1]			02/18/2025	attached / Ov...			false	req2
149093	1782	newGrpX [1]			02/18/2025	attached / Ov...			false	req1

Upon selecting "Create MDS Request Group," a screen will appear displaying information about the selected MDS Request and a list of eligible MDS Requests for grouping.

Requests must meet the following conditions to be eligible for grouping:

- Same requestor company as the initially selected Request
- Addressed to your company
- No MDS attached
- Not already a member of another MDS request group
- Matching "MDS Type" and "Basic Substance Group" attributes with the selected request

Enter a descriptive name for the group in the designated field. Ensure the name is unique within your company for the specific recipient. Different suppliers can use the same group name, and you can use the same group name for different recipients. However, you cannot have multiple groups with the same name for the same recipient within your company's scope.

CDX - Compliance Data Exchange

Create MDS Request Group

Members of an MDS Request group must have several attributes in common. You have selected the following MDS request to build a MDS Request group. Please select one or multiple entries from the below table of MDS Requests that are eligible to group with the selected one.

Request ID	Request Group ID	Type	Component	Basic Substance group/list
149770		CDX Service Team (Germany) (0)		
		CDX Service Team (Germany) (0)		

Please enter a descriptive name for this MDS request group:

Request ID: Recipient Part Number: Supplier Part Number: Search:

View

Request ID	Recipient Part Number	Supplier Part Number	Status	Deadline date	Type	100% declaration	SCIP Compliance	Attachment required	Measured Weight per Item	Parts Marking
189701	lead_test	lead_test	received / Ove...	09/10/2025		☐	☐	☐	☐	☐

Total records found: 1

When creating or modifying MDS request groups, a list box displays all eligible MDS requests that can be grouped with your selected request. For easy identification, the "Supplier Company" and "Supplier Org Unit" information is clearly displayed for each request in this list.

To add all eligible requests, click "Apply all". To add specific requests, select one or more entries from the list and click "Apply".

After selecting the desired MDS Requests, they will be added to the MDS request group. Once the group is created, it will be ready for you to attach a single MDS that applies to all included requests.

Using Multi-Search When Creating Request Groups

When grouping multiple similar requests, you can use multi-search  to quickly locate and select requests by uploading or pasting a list of Request IDs, Part Numbers, or Supplier Part Numbers.

For complete instructions on how to use the Multi-Search Upload feature, including how to format your data, upload files, and apply your search, see [Multi-Search Upload Feature](#).

Respond to MDS Request Group request

MDS request groups can be recognized in the Received MDS Requests view by a unique number assigned to each group.

Received MDS Requests | Ingredients | Supplier data

ID / Type / Project

Request ID

Type

Request Group ID

Request Group Name

☐ Not in a Request Group

☐ Sponsored Requests

Date / Status

Deadline d
fr

View Menu Export

Request ID	Request Group ID	Request Group Name	Type	Project
149770				
149459	2021	test_grp [1]		
149458	2021	test_grp [1]		
149457	2021	test_grp [1]		
149095				
149094	1782	newGrpX [1]		

When opening an MDS request that is part of a group, the Request details display the Request ID, name of the group, and the number of group members, indicating how many requests are assigned to this grouped MDS request.

To view related MDS Requests, click the link next to "Request Group" in the MDS Request tab.

Received MDS Requests | Ingredients | Supplier data | Re

MDS Request

Request ID 821971 Request bulk import ID -

Status Overdue

Deadline date 06/06/2025

Request Group 3849 - DuplicateSuppCodeTest (2 Requests)

Supplier CDX Service Team (Germany) [0]

Requester Company CDX Service Team (Germany) (Supplier) [1]

Requester MDS Contact Georgiev, Nikolay

Project

This opens a popup with a scrollable list of all MDS Requests in the same group. Select a request from the list and click "Select MDS Request" to load it into the MDS Request tab.

CDX - Compliance Data Exchange			
View ▾	Detach		
Request ID	Part material name	Requester Company	Part/Item No.
146106	Request1	SSI [118]	
146107	Request2	SSI [118]	
146108	Request3	SSI [118]	
Columns Hidden1			
✓ Select MDS Request ↺ Cancel			

Create MDS for MDS request group

To create an MDS for a request group, simply click the "Create MDS" button associated with the group. This action will prompt a confirmation popup, asking you to verify the creation of an MDS for the entire request group. Once you confirm, the system generates a new MDS and automatically assigns it to all requests within the group. This streamlined process ensures that a single MDS creation action applies uniformly across all related requests, saving time and maintaining consistency throughout the group.

CDX - Compliance Data Exchange

Create MDS for MDS request group
Do you want to create this MDS for MDS Request Group "test 3090" which contains 3 requests?

✓ Yes ✗ No

Assign MDS to MDS request group

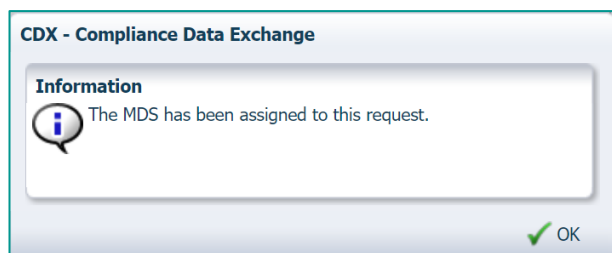
To assign an MDS to a group, use the "Assign MDS" button. Clicking this button opens the MDS search dialog, which filters for MDS with the same MDS type used throughout the MDS requests being attached. After selecting the appropriate MDS, a confirmation popup appears.

CDX - Compliance Data Exchange

Assign MDS to MDS request group
Do you want to assign this MDS to MDS Request Group "test 3090" which contains 3 requests?

✓ Yes ✗ No

Upon confirmation, the MDS is automatically assigned to all MDS requests in the group, and the status of all MDS requests in that group changes to "attached".



Users have the ability to unassign an MDS from an MDS request group if it has been assigned mistakenly or needs to be replaced by another MDS. To do this, simply click the **Unassign MDS** button. This action will remove the current MDS assignment from the entire request group, allowing for corrections or updates as needed.

NOTE: The "Reject" button is not visible for MDS requests that belong to an MDS request group. If you need to reject a single request from a group, you must first remove it from the group. Additionally, rejecting an entire group in one action is not available.

Completing the Request

By sending the assigned MDS to the MDS recipient, the Request status changes to **waiting for acceptance**.

- If an assigned MDS is sent, a Request-specific test is done, whether all mandatory fields are filled.
- If the assigned MDS is rejected, the Request status changes back to **working**.
- If the assigned MDS is accepted, the Request status changes to **completed**.

To complete an open MDS Request, the Requestor is also able to assign a received MDS or an imported MDS to a request and have the status updated accordingly.

REPORTING

There are several types of Reports that CDX can generate related to MDSs and/or SDoC:

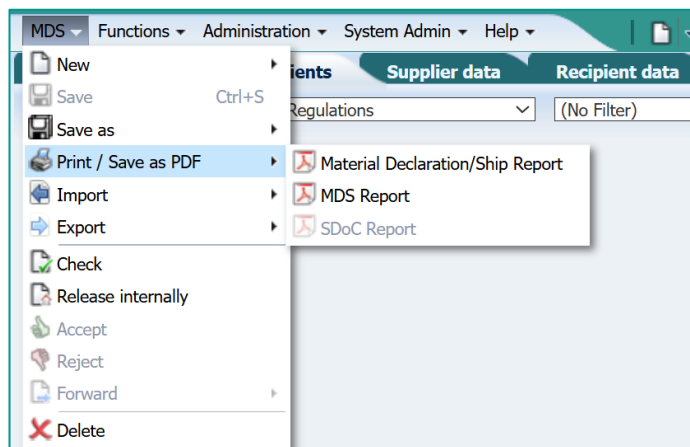
- **MD Report** (**M**aterials **D**eclaration according to ISO 30005)
- **MDS Report** (**M**aterial **D**ata **S**heet Report with information about ingredients and Components in Materials)
- **SDoC Report** (**S**upplier's **D**eclaration of **C**onformity for Material Declaration Management)

Generation of MD or MDS Report(s) requires a CDX MDS license. Your Company Administrator can order such a license in the [Administration > CDX Licenses](#) menu.

This section explains each of the available reports.

Launch the MDS Report

The MD Report and the MDS Report require you to view an MDS before the print icon is available. You may also highlight an MDS in any Search result and select Print from the context menu options.



You then need to select the desired type of report. The MDS Report can be shown in different views: your own company's point of view or the MDS Recipient company's point of view. You will be asked to select one of them. Additionally you can select the sort order for the regulation section printed in the MDS Report:

The created report (pdf file) can be opened or saved and contains complete information about the MDS: Supplier Data, Product Identification, and Characterization of the Component as well as all affected regulations with detailed information about the respective ingredients and given confirmations.

Launch the MD Report

The MD Report is launched in a similar manner to the MDS Report. It is a document called **the Materials Declaration**, which indicates whether the product contains any Basic Substances listed in Table A (prohibited or restricted) or Table B (specific Chemical Substance) of the Hong Kong Convention and Guidelines. Additionally, the table includes Annex II, which incorporates substances such as Perfluorooctane sulfonic acid (PFOS) and its derivatives and Brominated Flame Retardant (HBCDD), as required by the EU Ship Recycling Regulation. If any of these substances are present, the report calculates and presents other relevant values accordingly.

MDS ID:	14108751 / 0.01	Page:	1	/	2
User:	Kotkowska, Monika	Date:	May 22, 2026 12:47 PM		

Material Declaration

CDX clients may generate, use and distribute this report. Distribution, parsing and/or automated analysis of this report by non-CDX clients is a violation against the Terms of Use and is not permitted.

Date of declaration

Date	May 22, 2026
------	--------------

MD ID number

MD ID-No.	14108751 / 0.01
-----------	-----------------

Other information (e.g. client, shipbuilder, hull NO if applicable)

Remark1	
Remark2	
Remark3	

Product information

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
Component_14108751	-	-	-	

Materials information

This materials information shows the amount of hazardous materials contained in

	Unit
	g

(Unit: piece, kg, m, m2, m3, etc) of the product.

Supplier (respondent) information

Company name	CDX Service Team (Germany) [0]
Division name	-
Address	Germany
Contact person	Monika Kotkowska
Telephone number	123654
E-mail address	monika.kotkowska@dxs.com
SDoC ID-No.	-

Table	Material name		Threshold level	Present above threshold level	If yes, material mass		if yes, information on where it is used
				Yes/No	Mass	Unit	
Table A	Asbestos		0.1 %*	No			
	Polychlorinated biphenyls (PCBs)		50 mg/kg**	No			
	Ozon depleting substances	Chlorofluorocarbons (CFCs)	no threshold level	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane (Methyl chloroform)		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
		Methyl bromide		No			
		Bromochloromethane		No			
	Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No			
	Anti-fouling systems containing cybutryne as a biocide****		200 mg/kg*****	No			

EntServ Deutschland GmbH

generated by CDX



MDS ID:	14108751 / 0.01	Page:	2 / 2
User:	Kotkowska, Monika	Date:	May 22, 2026 12:47 PM

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		if yes, information on where it is used
			Yes/No	Mass	Unit	
EU***	Perfluorooctane sulfonic acid (PFOS) and its derivatives	10 mg/kg	No			

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		if yes, information on where it is used
			Yes/No	Mass	Unit	
Table B	Cadmium and cadmium compounds	100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			
	Lead and lead compounds	1,000 mg/kg	No			
	Mercury and mercury compounds	1,000 mg/kg	No			
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg	No			
	Polychlorinated naphthalenes (more than 3 chlorine atoms)	50 mg/kg	No			
	Radioactive substances	no threshold level	No			
	Certain shortchain chlorinated paraffins(Alkanes, C10-C13, chloro)	1 %	No			

Table	Material name	Threshold level	Present above threshold level	If yes, material mass		if yes, information on where it is used
			Yes/No	Mass	Unit	
EU***	Brominated Flame Retardant (HBCDD)	100 mg/kg	No			

The object of declaration described above is in conformity with the IMO Guidelines for the development of Inventory of Hazardous Materials Resolution MEPC.379(80) (and, for EU-Ships: EMSA's Best Practice Guidance on the Inventory of Hazardous Materials).

Important Notice: The content and specifications of this form may not be changed or amended. Any changes or amendments by others than the author of this form constitute a breach of copyright law.

- * 0.1% in principle, if 1% is applied, it should be recorded in Remarks section
- ** 50ppm is to be used as threshold for reporting existing PCB only. NOTE: All new materials are to be free of any PCBs!
- *** Additional material to be listed acc. to Annex 1 and Annex 2 of the 2013 EU Ship Recycling Regulation
- **** As per AFS-Convention from Jan. 1st, 2023: Threshold for wet paint (new products). In case of sampling from the hull of existing ships: 1,000 mg/Kg of dry paint.
- ***** Threshold of 200mg/kg applies for MDs (or sampling from wet paint containers) and 1.000 mg/kg applies only for samples from solid hull paint / existing ship IHMs

Create MD and SDoC

Material Declarations must be provided along with the associated signed SDoC. The MD contains information on the presence or absence of hazardous materials in a product. All hazardous materials must be listed, including additional substances according to Annex II of EU Regulation 1257/2013.

A link between SDoC and MD Report is established by displaying a unique SDoC ID number in both SDoC and MD Report:

FORM OF MATERIAL DECLARATION	
<Date of declaration>	
Date	
<MD ID number>	
MD- ID-No.	
<Other information>	
Remark 1	
Remark 2	
Remark 3	
<Supplier (respondent) information>	
Company name	
Division name	
Address	
Contact person	
Telephone number	
Fax number	
E-mail address	
SDoC ID no.:	XXXXXXX

Coincident

FORM OF SUPPLIER'S DECLARATION OF CONFORMITY	
Supplier's Declaration of Conformity for Material Declaration management	
1) Identification number:	<u>XXXXXXX</u>

The SDoC confirms that the information on the material declarations (MD) is correct.

SDoC Report

A SDOC report is created in the same way as the MDS report. For the SDoC report, you must search for and select an SDoC before the print icon is available.

MDS	Functions	Administration
SI	Component Search	Ctrl
	Semicomponent Search	Ctrl
SDoC	Material Search	Ctrl
SDoC	MDS Search	Ctrl
MDS	SDoC Search	

MDS	Functions	Administration	Help
New	Save	Save as	Print / Save as PDF
Import	Export	Check	Release internally
Accept	Reject	Forward	Delete
Deactivate	Log off		

Material Declaration/Ship Report
MDS Report
SDoC Report

of issue fewqe
of issue 11/20
State Intern

MDSs Search for accepted MDSs

Part/Item I
51569207

The created report (pdf file) can be opened or saved.

The **Supplier's Declaration of Conformity (SDoC)** is a document assuring that the product and its related **MD** conforms to the law and is suitable for the management and control of the information on the Chemical Substances contained in the product and who is responsible for the product and **MD**.

The **SDoC** remains valid as long as the products are present onboard the ship. The Working Group within the International Maritime Organization (IMO) on Guidelines for Ship Recycling has published a draft-design for contents and formats of an **SDoC**.

The following requirements are satisfied in **SDoC**:

- Unique identification of the declaration of conformity.
- Name and contact address of the issuer.
- Identification of the subject of the Declaration of Conformity (e.g., name, type, model number, and/or other relevant supplementary information).
- Statement of conformity.
- A complete and clear list of standards or other specified requirements, as well as the selected options, if any.
- Date and place of issue of the declaration of conformity.
- Signature (or equivalent sign of validation), name and function of the authorized person(s) acting on behalf of the issuer.

The standard format of the **SDoC** is shown below as an example.

Supplier's Declaration of Conformity for Material Declaration management		
1) Identification number:	_____	
2) Issuer's name:	_____	
Issuer's address:	_____	
3) Object(s) of the declaration:	_____ _____ _____	
4) The object(s) of the declaration described above is in conformity with the following documents :		
Document no.:	Title:	Edition/date of issue
5) _____	_____	_____
_____	_____	_____
_____	_____	_____
6) Additional information :		
_____ _____		
Signed for and on behalf of:		
_____ _____		
(Place and date of issue)		
7) _____	_____	
(Name, function)	(Signature)	

1) The Identification number (SDoC No.) can be chosen arbitrarily (e.g. date and/or order number). This number is referred to in the material declarations.

2) Address of the supplier

3) Object(s) of the declaration: Here reference is made to the material declaration(s) to which the SDoC refers.

5) Document no/Title/Edition date: Information on which standards or guidelines have been used to comply with the information in the material declaration(s) or to confirm their correctness.

6) Additional information: Additional information can be entered here. For example, if the material declaration was completed on the basis of sampling, reference can be made here to the respective laboratory and the procedure.

Signed for and on behalf of: Signature of the person responsible for the additional information (e.g., the person responsible for the laboratory).

7) The SDoC is signed by the person responsible.

The relationship between SDoC and MD is established by using the unique SDoC ID No. in both reports for SDoC and MD as shown below:

Create new SDoC

The SDoC Detail screen in CDX looks as follows:

SDoC Search Details

General Info (ID: 1981)

Company of issue: Under-Test
Signed for and on behalf of: MRV Inc.
Place of issue: fewqe
Date of issue: 11/20/2024
State: Internally released
Authorized Person's Last Name: Hassan
Authorized Person's First Name: Rania
Authorized Person's Function: ngwqggwegreb
Additional Information: [Empty field]

Objects of declaration

View: Search for own MDSs Search for accepted MDSs

Type	Name	Part/Item No.	MDS ID	Node ID	Accepted by	Last Modification	State
51569207		51569207	4057630 / 2	4131274	CDX Service Team (Germany) [0]	04/25/2021	Internally released

Total records found 1

Regulation & requirement

View: Create regulation

Document No.	Title	Edition	Date of issue	Specified by
--------------	-------	---------	---------------	--------------

Under MDS New => SDoC first the MDS is searched to which the SDoC should refer to. It is possible to search for own or accepted supplier MDSs.

Under Regulations and requirements, a new regulation can be created by clicking the Create regulation . Separately, the is used to search for and add regulations from previously saved SDoCs. To remove an item, the is used.

SDoC Search Details

General Info (ID: 1981)

Company of issue: Under-Test
Signed for and on behalf of: MRV Inc.
Place of issue: fewqe
Date of issue: 11/20/2024
State: Internally released
Authorized Person's Last Name: Hassan
Authorized Person's First Name: Rania
Authorized Person's Function: ngwqggwegreb
Additional Information: [Empty field]

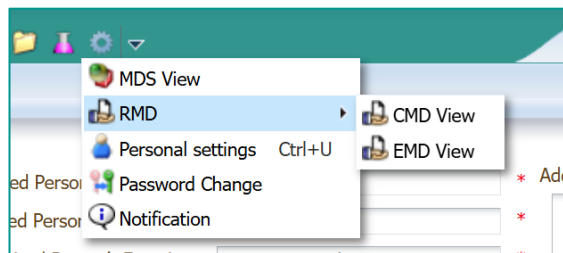
Objects of declaration

View: Search for own MDSs Search for accepted MDSs

Type	Name	Part/Item No.	MDS ID	Node ID	Accepted by	Last Modification	State
51569207		51569207	4057630 / 2	4131274	CDX Service Team (Germany) [0]	04/25/2021	Internally released
-NH90378343-A FLEX		90378343	4055423 / 1	4055423	CDX Service Team (Germany) [0]	04/24/2021	Internally released
-NH51627207-A FLEX		51627207	4055300 / 1	4055300	CDX Service Team (Germany) [0]	04/24/2021	Internally released

RESPONSIBLE MATERIALS DECLARATION MANAGER

Change View



As described before, you can change the menu view in CDX according to your personal needs; the “MDS View” is preset as default view. If you work only with Conflict Minerals Declaration or Extended Materials Declaration you should set up View accordingly the “CMD View” or “EMD View”. You can change the view in the Administration Menu or with the Settings button

() in the Toolbar.

Depending on the chosen view (MDS, CMD or EMD), the menu items differ. Menu items which are not available are displayed in faded colour.

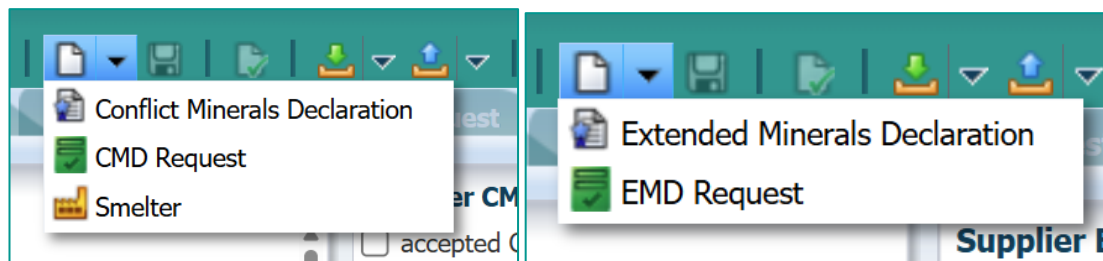
The following section describes each of the menu items in the CMD and EMD Views.

RMD Menu / Toolbar Buttons

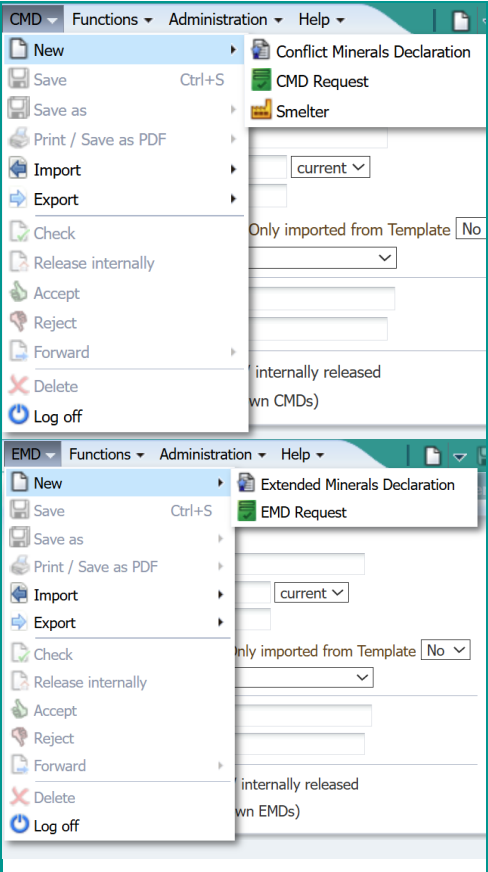
These functions are available under the CMD and EMD menu item:

New

You can either use the **CMD/EMD > New** menu item or the  button in the toolbar. The button will allow a menu to appear which has the same actions as the **CM/EMD > New** option in the menu.



Menu Item	Description	
Conflict Minerals Declaration	Creates and opens a new CMD (Conflict Minerals Declaration).	
CMD Request	Creates and opens a new CMD request.	
Extended Materials Declaration	Creates and opens a new EMD (Extended Materials Declaration).	
EMD Request	Creates and opens a new EMD request.	

Smelter	Creates and opens a new Smelter entry.	
---------	--	---

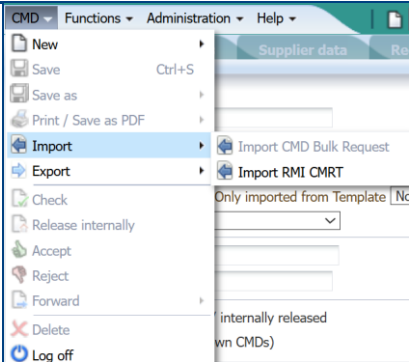
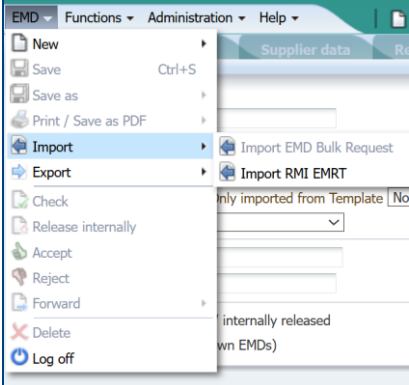
Save

Save can either be accessed from the **CMD > Save** or **EMD > Save** menu item or by using the  button in the toolbar. This button will not appear unless the page you are working on can be saved. This function saves the currently open data. Use this function for saving items such as CMDs/EMDs, requests, smelters (for CMD only).

Import

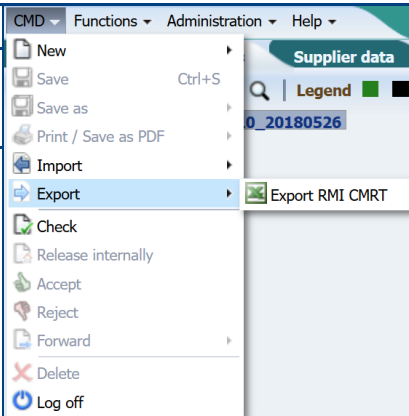
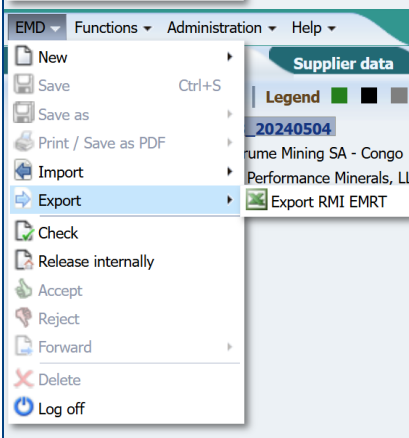
The following table describes the function of each item under **Import**:

Menu Item	Description	
Import CMD/EMD Bulk Request	Only available when you are working on “CMD Requests” or “EMD Requests” – either creating a new one or when you are in the CMD/EMD Request Outbox. You can import a filled MS Excel template into CDX to bulk send RMD requests to multiple suppliers simultaneously.	
Import RMI CMRT	This function imports a RMI CMRT file – either your own or a received file from your supplier.	

Import RMI EMRT	This function imports a RMI EMRT file – either your own or a received file from your supplier.	 
-----------------	--	---

Export

The following table describes the function of each item under **Export**:

Menu Item	Description	
Export RMI CMRT	Only available when viewing or editing a CMD and with a valid CMD Manager License. It exports the CMD to a RMI CMRT MS Excel file.	
Export RMI EMRT	Only available when viewing or editing an EMD. It exports the EMD to a RMI EMRT MS Excel file.	

Check

This function is only available when viewing or editing a CMD/EMD. It performs a check on the CMD/EMD and reports all found issues. The Check function may also be initiated by using the  button in the toolbar.

Release internally

This is only available when editing a CMD/EMD. It releases the CMD/EMD for internal use in your own company.

Accept

This function is only available when viewing a received CMD/EMD that has not yet been accepted, rejected or cancelled. Brings the Accept/Reject buttons into view so the CMD/EMD can be accepted.

Reject

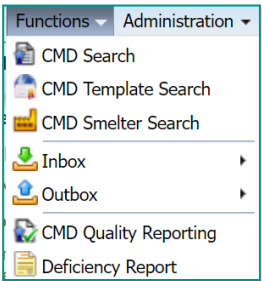
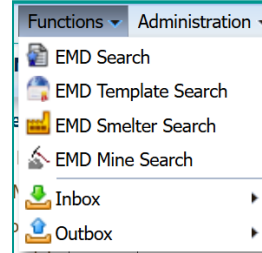
This function is only available when viewing a received CMD/EMD that has not yet been accepted, rejected or cancelled. Brings the Accept/Reject buttons into view so the CMD/EMD can be rejected.

Log Off

This function logs you off CDX and opens the log in / news page. You may also Log Off by using the  button on the upper right of the window.

Functions Menu / Buttons

The Functions menu gives you a list of functions that can be used in CDX. Most of them also have a button on the toolbar. These functions are detailed in the following table:

Menu Item	Description	Toolbar Button	
CMD/EMD Search	Opens the search screen for CMDs or EMDs.		
CMD/EMD Template Search	Opens the search screen for CMD or EMD Templates.		
CMD/EMD Smelter Search	Opens the search screen for CMD/EMD or Smelters.		
Inbox	Opens the search screen for received Conflict Minerals Declarations or Extended Materials Declarations and CMD/EMD Requests.		
Outbox	Opens the search screen for sent Conflict Minerals Declarations or Extended Materials Declarations and CMD/EMD Requests.		
CMD Quality Reporting	Opens the screen for CMD Quality Reporting.		
Deficiency Report	Opens the screen for CMD Deficiency Reporting.		
			

Shortcuts from the Search Results Windows

In addition to all of the above-mentioned buttons and menu items, if you highlight a CMD or an EMD in a Search Results screen and right-click, you will have available shortcuts to frequently used functions such as the menu beside generated from a CMD or an EMD search.

Alternatively, you can click on Menu to open the context menu.

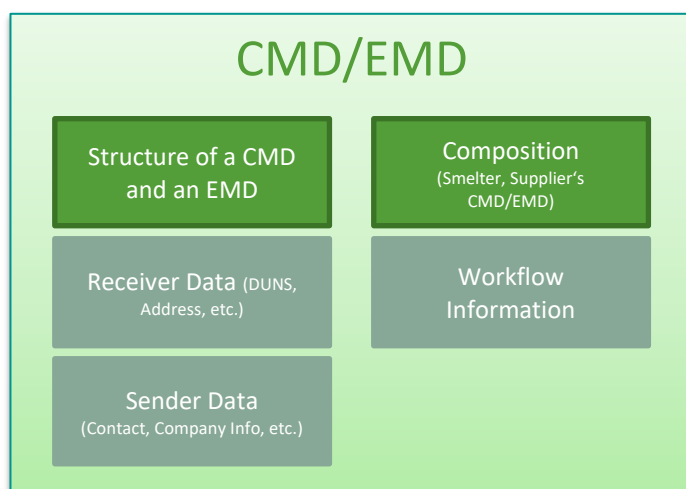
CREATE A RMD

One of the first things you are going to need to do is to create a RMD (Responsible Materials Declaration): CMD (Conflict Minerals Declaration) or EMD (Extended Materials Declaration). Even if you are going to attach (reference) existing data to your structure you are still going to need to create the structure that you will send to your customer.

What is a RMD?

Generally speaking, a RMD is the Information passed along the supply chain indicating where the conflict minerals (currently conflict minerals are defined to include: Tantalum (Ta), Tin (Sn), Tungsten (W) and Gold (Au) = 3TG and their compounds) or extended materials (currently Cobalt, Mica, Copper, Natural graphite, Lithium, Nickel) used originated.

A CMD and an EMD can be thought of as a container that has many parts as shown in the following figure:



Each of these areas will be discussed in the following sections.

The other CDX structure used in CMD and EMD is the **Smelter**, represented by . A Smelter is a company that takes raw ore and creates a metal or a company that melts down recycled Materials and creates a metal or does both. In CMD View, the Smelter information on the Smelter list is controlled by the company that registers itself as a Conflict Minerals Smelter within the CDX system during the CDX-Company Registration Process.

Additionally, aligned with the extended minerals EMRT, CDX has introduced the **Mine**, represented by . Please note that the Mine structure is applicable **only for Extended Mineral Declarations (EMD)** and is not used for Conflict Mineral Declarations (CMD).

New CMD/EMD

You can use the  button in the toolbar or the New > Conflict Minerals Declaration/ Extended Materials Declaration function in the CMD/EMD menu to get started. You will be asked what RMI (formerly CFSI) CMR or EMR template version you want to use for your CMD/EMD.

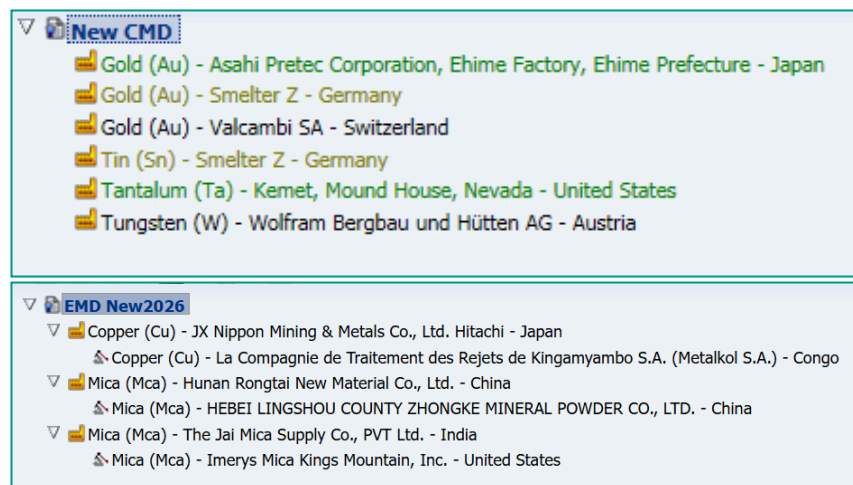
Details

The other thing you should know about a RMD is that the Details page has a tree structure which includes a parent-child relationship. The structure will always have the CMD/EMD name as the top-level parent node.

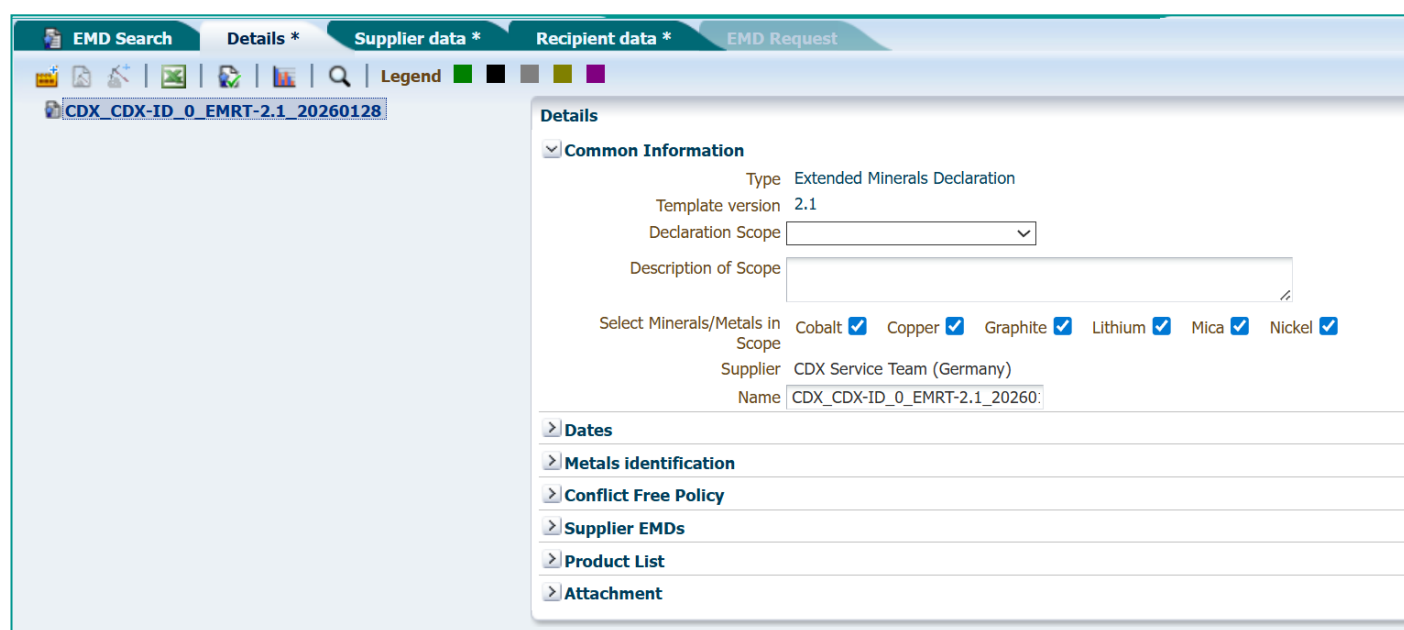
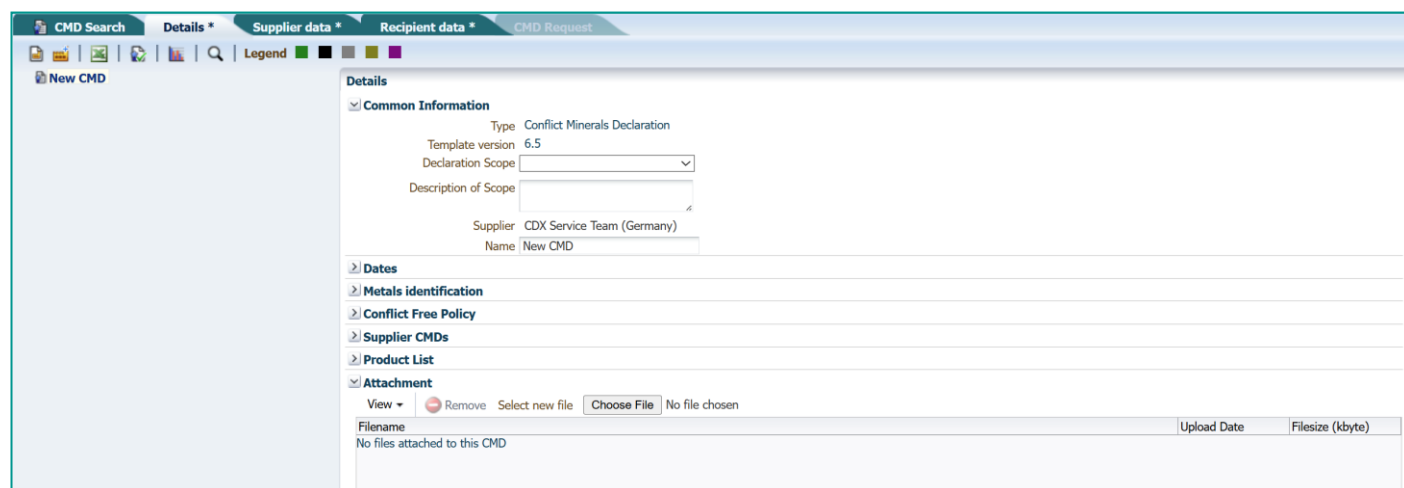
- **For CMD:** The Smelters appear as child nodes directly under the CMD.
- **For EMD:** The structure extends further. The Smelter is still a child node of the EMD, but it also acts as a parent node to the Mine, which appears as a child node under the Smelter.

The list is shown in alphabetical order by metal – smelter name. When adding CMDs/EMDs from suppliers, only the smelters (and for EMD, their associated mines) that are on the submission appear on the structure. The

following figure presents a tree structure.



On the right side of the screen, you will find the following details:



Common Information

The following table gives a description of each of the fields in this area:

Field Name	Description	Required?
Type	System generated – Type of CMD/EMD Declaration. It could be the Conflict Minerals Declaration or Extended Materials Declaration.	Not Applicable
Template Version	System generated – based on your choice, which template version to use	Not Applicable
Declaration Scope	You need to select the CMDs/EMDs declaration scope here.	Yes
Description of Scope	You can enter additional information regarding the scope of your CMD/EMD.	No
ID / Version	System Generated – The first set of numbers represents the ID of the CMD/EMD. As each new version is created, this number will not change but the second number (/0.01) will. In fact, when the CMD/EMD is “released”, the version will become a whole number and indicate that no further edits can be made.	Not Applicable
Node ID	System Generated – This refers to the actual location in the database where information about this CMD/EMD is stored. Only for the 0.01 version of the CMD/EMD, it will be the same as the ID.	Not Applicable
Supplier	System Generated – the CDX company name of the creating company.	Not Applicable
Name	How your company refers to this RMD in their own terms. You must change from the default name. Each Industry may have their own naming requirements and conventions. You may want to put your supplier code or DUNS number in this field.	Yes

Dates

Sometimes it is necessary to know when the CMD/EMD was created and the dates of the last change. The next section contains system generated information:

Dates Creation date 5/16/2012 Release Date 5/10/2012 Check Date
--

The following table defines these fields:

Field Name	Description
Creation Date	Date when CMD/EMD was created based on server time (server is hosted in Germany)
Release Date	Date when CMD/EMD was released (no more changes can be made)
Check Date	Date when CMD/EMD was checked – useful in tracking under what requirements it was checked.

Metals Identification

The next section contains questions that must be answered about the usage of the metals. These questions are similar to the ones presented in the RMI CMRT and EMRT spreadsheets (and depend on the chosen template version).

Metals identification

1. Is any of the specified mineral/metal intentionally added or used in the product(s) or in the production process? If no for all metals, you are done with this survey.

No.	Metal	Answer	Comments
1	Cobalt		
2	Copper		
3	Graphite		
4	Lithium		
5	Mica		
6	Nickel		

2. Does any of the specified mineral/metal remain in the product(s)?

No.	Metal	Answer	Comments
1	Cobalt		
2	Copper		
3	Graphite		
4	Lithium		
5	Mica		

Depending on the view there are different questions about potentially use of each metal. The following tables explains each question:

Questions for Conflict Minerals	Answer required?	Comments required?
1. Is the 3TG intentionally added or used in the product(s) or in the production process? If no for all metals, you are done with this survey.	Yes (for each listed mineral)	No
2. Does any 3TG remain in the product(s)??	Yes (for each listed mineral)	No
3. Do any of the smelters in your supply chain source the 3TG from the covered countries?	Yes (for each listed mineral)	No
4. Do any of the smelters in your supply chain source the 3TG from conflict-affected and high-risk areas?	Yes (for each listed mineral)	No
5. Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources?	Yes (for each listed mineral)	No
6. What percentage of relevant suppliers have provided a response to your supply chain survey?	Yes (for each listed mineral)	No
7. Have you identified all of the smelters supplying the 3TG to your supply chain?	Yes (for each listed mineral)	No

Questions for Conflict Minerals	Answer required?	Comments required?
8. Has all applicable smelter information received by your company been reported in this declaration?	Yes (for each listed mineral)	No

Questions for Extended Materials	Answer required?	Comments required?
1. Is any of the specified mineral/metal intentionally added or used in the product(s) or in the production process?	Yes (for each listed mineral)	No
2. Does any of the specified mineral/metal remain in the product(s)?	Yes (for each listed mineral)	No
3. Do any of the smelters or processors in your supply chain source the specified mineral/metal from conflict-affected and high-risk areas? (OECD Due Diligence Guidance, see definitions tab)	Yes (for each listed mineral)	No
4. Does 100 percent of the specified mineral/metal originate from recycled or scrap sources?	Yes (for each listed mineral)	No
5. What percentage of relevant suppliers have provided a response to your supply chain survey?	Yes (for each listed mineral)	No
6. Have you identified all of the smelters or processors supplying the specified minerals/metal to your supply chain?	Yes (for each listed mineral)	No
7. Has all applicable smelter or processor information received by your company been reported in this declaration?	Yes (for each listed mineral)	No

Conflict Free Policy

This section presents questions related to your company's conflict free policy. These questions are similar to the ones presented in the RMI CMRT and EMRT spreadsheets (and depend on the chosen template version).

☒ **Conflict Free Policy**

A. Have you established a responsible minerals sourcing policy?

Answer	Comments

B. Is your responsible minerals sourcing policy publicly available on your website? (Note - If yes, the user shall specify the URL in the comment field.)

Answer	Comments

C. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit program?

Answer	Comments

☒ **Conflict Free Policy**

A. Have you established a responsible minerals sourcing policy?

Answer	Comments

B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.)

Answer	Comments

C. Do you require your direct suppliers to source the specified minerals/metals from smelters whose due diligence practices have been validated by an independent third-party audit program?

	Answer	Comments
Cobalt		
Copper		
Graphite		
Lithium		
Mica		
Nickel		

There are different questions about the company's conflict-free policies regarding the use of conflict minerals and extended materials. The following table explains each question:

Question for Conflict Minerals	Answer required?	Comments required?
A. Have you established a conflict minerals sourcing policy?	Yes	No
B. Is your conflict minerals sourcing policy publicly available on your website? (Note - If yes, the user shall specify the URL in the comment field.)	Yes	No
C. Do you require your direct suppliers to be DRC conflict-free?	Yes	No
D. Have you implemented due diligence measures for responsible sourcing?	Yes	No
E. Does your company conduct a Conflict Minerals survey(s) of your relevant supplier(s)?	Yes	No
F. Do you review due diligence information received from your suppliers against your company's expectations?	Yes	No
G. Does your review process include corrective action management?	Yes	No
H. Is your company required to file an annual conflict minerals disclosure?	Yes	No

Question for Extended Materials	Answer required?	Comments required?
A. Have you established a responsible minerals sourcing policy?	Yes	No
B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.)	Yes	Yes
C. Do you require your direct suppliers to source the specified minerals/metals from smelters whose due diligence practices have been validated by an independent third-party audit program?	Yes	No
D. Have you implemented due diligence measures for responsible sourcing?	Yes	No
E. Does your company conduct supply chain survey(s) of your relevant supplier(s) on the specified minerals/metals?	Yes	No
F. Do you review due diligence information received from your suppliers against your company's expectations?	Yes	No
G. Does your review process include corrective action management?	Yes	No

Supplier CMDs/EMDs

If a company references a CMD or an EMD from its direct supplier (the CMD/EMD from the direct supplier must be accepted before it can be referenced in the company's own CMD/EMD), the supplier's CMDs/EMDs will be listed in the table:

Supplier CMDs					
View Search for accepted CMDs View Delete Export					
Name	Company Name	ID / Version	Node ID	Release Date	Template version
There is no supplier's CMD assigned to this CMD yet.					

Supplier EMDs					
View Search for accepted EMDs View Delete Export					
Name	Company Name	ID / Version	Node ID	Release Date	Template version
There is no supplier's EMD assigned to this EMD yet.					

Attaching Existing Supplier's CMDs/EMDs (Reference)

In this case, we're going to add an accepted Supplier CMD Search for accepted CMDs or Supplier EMD Search for accepted EMDs. We have searched in the CMD/EMD Inbox:

General / Date
Name
CMD ID all
Node ID
Template version Only imported from Template
Part/Item No.
Date ☐ transmitted (proposed)
☐ last status changed
from 06/07/2016 to 06/14/2016

Status
Combined all open CMDs none
Single ☐ not yet browsed
☐ browsed
☒ accepted
☐ rejected
☐ cancelled by sender

Recipient / Supplier
Org Unit
Supplier ☐ Enable search by supplier

Supplier	Company / Org ID
Supplier search is disabled.	

☒ Include all Org Units

View Menu Export

Name	ID / Version	Node ID	transmitted	from comp. (Org Unit) [Company ID]	Status	last status changed	Template version	imported
CMD CDX Team workshop_4.01	24156 / 1	24156	6/14/2016	CDX Service Team (Germany) [0]	accepted	6/14/2016	4.01	No
Copy_CMD202	23998 / 1	23998	8/5/2015	CDX Service Team (Germany) [0]	accepted	8/20/2015	2.02	No
CMD202	9901 / 1	9901	6/30/2014	Hewlett Packard GmbH	accepted	7/24/2014	2.02	Yes
HP_Test_template	3296 / 1	3296	6/17/2013	HP	accepted	6/17/2013	2.02	Yes
HP_Test_template	3295 / 1	3295	6/17/2013	HP	accepted	6/17/2013	2.02	Yes

Rows Selected 1

Menu Total CMDs found 6

When you find your Supplier's, highlight it and click on Apply. If you want to attach more than one CMD/EMD, highlight all (using the control or shift key) and click on Apply all.

You will notice the selected supplier's is now added into the Supplier CMDs/EMDs table and the right site looks similar to the following (expanded):

Supplier CMDs					
View Search for accepted CMDs View Delete Export					
Name	Company Name	ID / Version	Node ID	Release Date	Template version
CMD CDX Team work...	CDX Service Team (Germany)...	24156 / 1	24156	11/12/2015	4.01

Supplier EMDs					
View Search for accepted EMDs View Delete Export					
Name	Company Name	ID / Version	Node ID	Release Date	Template version
EMRT Comp level	Kot AG [2929]	52636 / 1	52636	7/5/2022	1.02

The following table describes the information presented:

Field Name	Description
Name	Name of the supplier's CMD/EMD
Company Name	Supplier's company name
ID / Version	ID and Version of the supplier's CMD/EMD
Node ID	Node ID of the supplier's CMD/EMD
Release Date	Release Date of the supplier's CMD/EMD
Template Version	Template Version of the supplier's CMD/EMD

While attaching the Supplier to your own CMD/EMD, information from the Supplier will be included automatically in your own Declaration: all smelters and mines (for EMD) with available supplemental information will be added to your CMD/EMD structure. Most of the given answers regarding "Metals Identification" and "Conflict Free Policy" questions will be aggregated and filled in the respective fields. Without adding own information your Declaration now have smelters and mines (for EMD) included and some questions answered:

Details

Common Information

Dates

Metals identification

1. Is any 3TG intentionally added or used in the product(s) or in the production process? If no for all metals, you are done with this survey.

No.	Metal	Answer	Comments
1	Tantalum	Yes	
2	Tin	Yes	
3	Gold	Yes	
4	Tungsten	Yes	

2. Does any 3TG remain in the product(s)?

No.	Metal	Answer	Comments
1	Tantalum	Yes	
2	Tin	Yes	
3	Gold	Yes	
4	Tungsten	Yes	

3. Do any of the smelters in your supply chain source the 3TG from the covered countries?

No.	Metal	Answer	Comments
1	Tantalum	Yes	
2	Tin	Yes	
3	Gold	Yes	
4	Tungsten	Yes	

4. Does 100 percent of the 3TG (necessary to the functionality or production of your products) originate from recycled or scrap sources?

No.	Metal	Answer	Comments
1	Tantalum	No	

Details

Common Information

Dates

Supplemental Input

View: Add Edit Delete Export

Input by	Mine ID	Source of Mine ID	Contact Name	Contact E-mail	Proposed next steps
CDX Service Team...	CID812812881	RMI			steps
CDX Service Team...	CID812812881	RMI			

Columns Hidden: 3 Total records found: 0

If more than one Supplier is included, the answers will be calculated from the majority for all Supplier. If a question was answered manually in your own Declaration, and the roll up process provides a different answer, a marker (*) will show you the different values. The aggregated answers can be displayed and you can choose to

use these answers in your Declaration or change a value manually when necessary.

Note: Depending on the content not all answers can be aggregated and filled in automatically. All answers should be reviewed to be sure all necessary answers have been given and to validate that you agree with the aggregated answers chosen.

You can see an overview of all supplier answers by using the Statistics  button above the CMD/EMD tree structure. A separate window provides a summary table with aggregated responses to questions of the Declaration. It displays for each question the answers that have been given by how many suppliers with the corresponding aggregated response. With the buttons  **Copy to CMD** and  **Copy to EMD** all aggregated responses can be copied into the answers in the Details screen of the Declaration. This table can also be exported to an MS Excel file.

CDX - Compliance Data Exchange

Smelter Statistic

Suppliers Responses Statistic and Aggregated Value

Aggregated suppliers

ABC Techno GmbH

Metals identification

1. Is any 3TG intentionally added or used in the product(s) or in the production process?

Metal	Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
Tantalum	Yes	0	11	6
Tin	Yes	0	13	4
Gold	Yes	0	12	5
Tungsten	Yes	0	10	7

2. Does any 3TG remain in the product(s)?

Metal	Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'

Conflict Free Policy

A. Have you established a conflict minerals sourcing policy?

Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
-	2	12	3

B. Is your conflict minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.)

Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
-	2	11	4

C. Do you require your direct suppliers to be DRC conflict-free?

Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
-	2	13	2

D. Do you require your direct suppliers to source the 3TG from smelters whose due diligence practices have been validated by an independent third party audit

Export

Copy to CMD

OK

CDX - Compliance Data Exchange

Smelter Statistic
Suppliers Responses Statistic and Aggregated Value

Aggregated suppliers
CDX Service Team (Germany) Supplier [1]

Metals identification
1. Is any of the specified mineral/metal intentionally added or used in the product(s) or in the production process?

Metal	Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'	Number of suppliers with response 'Unknown'	Number of suppliers with response 'Not declaring'
Cobalt	-					
Mica	-					
Copper	-					
Graphite	-					

2. Does any of the specified mineral/metal remain in the product(s)?

Conflict Free Policy
A. Have you established a responsible minerals sourcing policy?

Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
-			

B. Is your responsible minerals sourcing policy publicly available on your website? (Note – If yes, the user shall specify the URL in the comment field.)

Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'No'
-			

C. Do you require your direct suppliers to source the specified minerals/metals from smelters whose due diligence practices have been validated by an independent third-party audit program?

Metal	Aggregated suppliers' response	Number of suppliers with response '-'	Number of suppliers with response 'Yes'	Number of suppliers with response 'Yes, when more processors are involved'	Number of suppliers with response 'No'

Export
Copy to EMD
OK

Additional information about the Supplier CMD/EMD Roll up process can be found in chapter “Import / Export a RMDs”.

Product List

When you define the Declaration Scope as “Product (or List of Products)”, you must enter the products to which this declaration applies. You can enter several single products here (using the  icon) or you can upload a txt file in CSV format with Product Number, Product Name and Comments.

Note: The column headers will display as either Manufacturer's Product Number/Name (for CMD and EMD < 2.0) or Responder's Product Number/Name (for EMD 2.0+), depending on the declaration version.

Product List
Completion required only if reporting level "Product (or List of Products)" is selected

View
+
-
Upload
Browse...

Manufacturer's Product Number	Manufacturer's Product Name	Comments
12345	First Demo Product	
678890	Second	Demo Product

Product List
Completion required only if reporting level "Product (or List of Products)" is selected

View Upload Choose File No file chosen

Responder's Product Number	Responder's Product Name	Comments
There are no product assigned to this EMD yet.		

Attachment

Here you can attach (up to five) files to your Conflict Minerals Declaration or Extended Materials Declaration with additional information (e.g. norms, policies, special instructions) in the following formats: pdf, xls, xlsx, doc, and docx.

Attachment

View Remove Select new file Browse...

Filename	Upload Date	Filesize (kbyte)
QT4890-4956779.pdf	9/4/2015	29

Add the Details

Once the basic information is given, you will need to add the details. Focusing in on the upper left, you will see that you have the choice to add an existing Smelter () into the Declaration or to add an alleged Smelter ().

For Extended Mineral Declarations (EMD), you also have the ability to add Mines to the structure ().

Attaching a Smelter

To use a currently existing smelter in your Declaration, click on over the top node of the tree. A separate window will appear to allow you to search for specific smelters and then apply them to your own Declaration by clicking the button.

In this case, we're going to add an existing Smelter . We have searched for Gold (Au)-Smelter:

CDX - Compliance Data Exchange

Smelter
CFSI Smelter ID CDX Smelter ID
DUNS Number
Smelter Type

Location
Zip Code
City
State / Province
Country

Metal
Metal Gold (Au)
Source or ore

View Menu Export

Smelter Name	Known alias	Type	ID	CFSI 3.x Smelter ID	CFSI 2.x Smelter ID	Facility Name	Country	City	Street	Contact Name	Metal	Source or ore	Conflict Free	Active	Last Modification	Status
Asahi Pretec Corporation		Conflict Free	562	-	-	Asahi Pretec Corporati...	Japan				Gold (Au)	unknown	Yes	Yes	May 17, 2013 2:54:45 PM	Internally released
DOWA		Conflict Free	563	-	-	DOWA, Kosaka Smelt...	Japan				Gold (Au)	unknown	Yes	Yes	May 17, 2013 2:54:45 PM	Internally released
Johnson Matthey Inc.	Johnson Matthey USA...	Conflict Free	8032	CID000920	1USA025	Johnson Matthey Inc.	United States				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:22:09 PM	Internally released
Allgemeine Gold- und Silber...	Allgemeine Gold, Allge...	Conflict Free	8023	CID000035	1DEU001	Allgemeine Gold- und...	Germany				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 4:08:14 PM	Internally released
Rand Refinery (Pty) Ltd	Rand Refinery, Rand...	Conflict Free	8046	CID001512	1ZAF049	Rand Refinery (Pty) Ltd	South Africa				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:48:04 PM	Internally released
Valcambi SA	VALCMBL, Valcambi...	Conflict Free	8052	CID002003	1CHE063	Valcambi SA	Switzerland				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:54:14 PM	Internally released
Istanbul Gold Refinery		Conflict Free	8030	CID000814	1TUR069	Istanbul Gold Refinery	Turkey				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:17:38 PM	Internally released
Ohio Precious Metals, LLC		Conflict Free	1419	-	-	Ohio Precious Metals...	United States				Gold (Au)	unknown	Yes	Yes	May 23, 2013 8:46:28 AM	Internally released
Perth Mint Refinery		Conflict Free	3019	-	-	Perth Mint Refinery, CL...	United States				Gold (Au)	unknown	Yes	Yes	Jun 10, 2013 7:00:01 AM	Internally released
Heraeus Ltd Hong Kong	Heraeus Hong Kong...	Conflict Free	8028	CID000707	1HKG019	Heraeus Ltd Hong Kong	Hong Kong				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:15:22 PM	Internally released
Metalor USA Refining Corpor...		Conflict Free	1417	-	-	Metalor USA Refining...	United States				Gold (Au)	unknown	Yes	Yes	May 23, 2013 8:46:28 AM	Internally released
Ohura Precious Metal Indust...		Conflict Free	8043	-	-	Ohura Precious Metal I...	Japan	Nara-shi			Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:43:53 PM	Internally released
Asahi Pretec Corporation		Conflict Free	560	-	-	Asahi Pretec Corporati...	Japan				Gold (Au)	unknown	Yes	Yes	May 17, 2013 2:54:45 PM	Internally released
Chimet SpA		Conflict Free	8027	CID000233	1ITA013	Chimet SpA	Italy				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:13:11 PM	Internally released
JX Nippon Mining & Metals...	JX Nippon Mining and...	Conflict Free	8033	CID000937	1JPN028	JX Nippon Mining & M...	Japan				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:23:45 PM	Internally released
Metalor Technologies Hong...		Conflict Free	1418	-	-	Metalor Technologies...	China				Gold (Au)	unknown	Yes	Yes	May 23, 2013 8:46:28 AM	Internally released
Kennecott Utah Copper		Conflict Free	8034	-	-	Kennecott Utah Copper	United States	Salt La...			Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:25:15 PM	Internally released
Glencore Canada Corporation		Conflict Free	8026	-	-	CCR Refinery	Canada				Gold (Au)	unknown	Yes	Yes	Feb 28, 2014 7:10:35 PM	Internally released
Asahi Pretec Corporation		Conflict Free	561	-	-	Asahi Pretec Corporati...	Japan				Gold (Au)	unknown	Yes	Yes	May 17, 2013 2:54:45 PM	Internally released
PTMIA		Conflict Free	564	-	-	PTMIA, PTMIA Metals...	Japan				Gold (Au)	unknown	Yes	Yes	May 17, 2013 2:54:45 PM	Internally released

Rows Selected 1 | Columns Hidden 1 |

When you find your Gold (Au)-Smelter, highlight it and click on (multiple selection is possible).

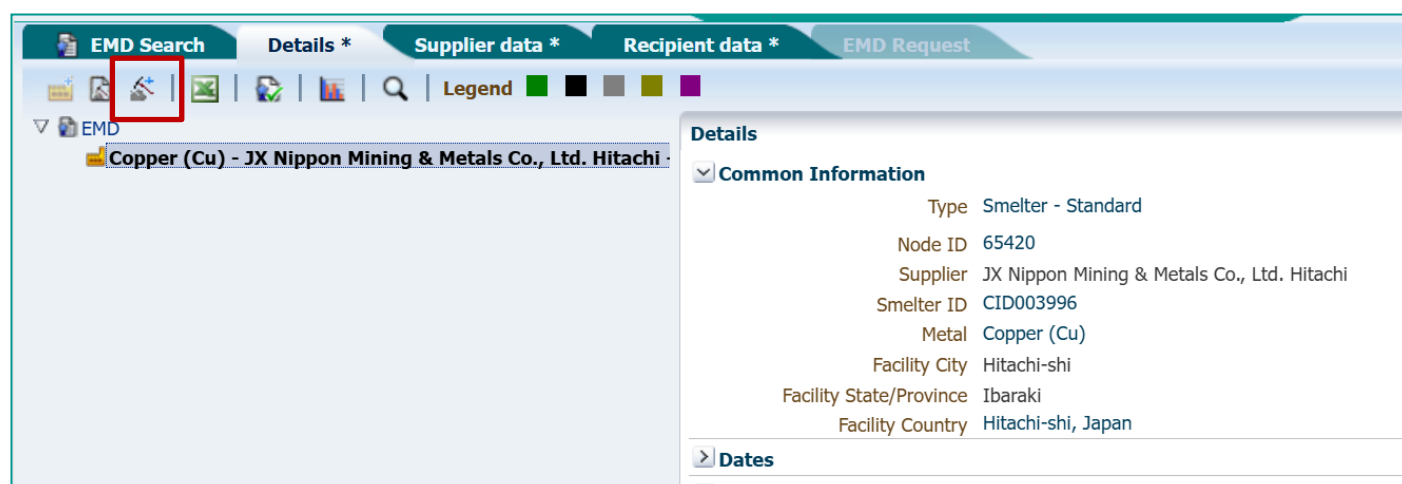
The same process works for these three types of smelters: conflict-free smelters specified by RMI, standard smelters defined in RMI CMR/EMR templates and registered smelter companies in CDX.

You will notice the selected Smelter(s) is/are now added into the Declaration and the left tree site presents something similar to the following:



Attaching a Mine (EMD Only)

In an EMD, the Smelter acts as a parent to the Mine. To add an existing Mine, select the specific Smelter node in the tree structure and click on . A search window will appear allowing you to search for and attach the relevant Mine to that Smelter.



CDX - Compliance Data Exchange

Mine

Mine Name

RMI Mine ID CDX Mine ID

Mine ID

Mine

Location

City

Street

State / Province

Country

Mine Mineral

Mine Mineral Copper (Cu)

View

Mine Name	Mine Type	Mine ID	RMI Mine ID	Country	State / Province	City	Street	Contact Name	Mine Mineral	Valid	Last Mo
No data to display											

Total records found 0

CDX - Compliance Data Exchange

Mine

Mine Name

RMI Mine ID CDX Mine ID

Mine ID

Mine

Location

City

Street

State / Province

Country

Mine Mineral

Mine Mineral Copper (Cu)

View

Mine Name	Mine Type	Mine ID	RMI Mine ID	Country	State / Province	City	Street	Contact Name	Mine Mineral	Valid	Last
KGHM Polska Mied...	Standard	62968	CID004463		Dolnoslaskie	Legnica			Copper (Cu)	Yes	Jan 1
Kisanfu Mining (Ki...	Standard	62969	CID003872		Lualaba	Kolwezi			Copper (Cu)	Yes	Jan 1
Kyshtym Copper-E...	Standard	62970	CID004311						Copper (Cu)	Yes	Jan 1
La Compagnie de ...	Standard	62971	CID003948		Haut-Katanga	Lubumbashi			Copper (Cu)	Yes	Jan 1
Industrial Minera ...	Standard	62972	CID005559			San Luis Potosí			Copper (Cu)	Yes	Jan 1
LS MnM Inc.	Standard	62973	CID004729			Ulsan			Copper (Cu)	Yes	Jan 1
LUIJLU RESSOURC...	Standard	62974	CID004206		Lualaba	Koruvichi			Copper (Cu)	Yes	Jan 1

EMD Search **Details *** **Supplier data *** **Recipient data *** **EMD Request**

Copper (Cu) - JX Nippon Mining & Metals Co., Ltd. Hitachi - Japan

- Copper (Cu) - Industrial Minera Mexico, S.A. de C.V. - Refineria Electrolitica de Zinc - Mexico
- Copper (Cu) - Lundin Mining Corporation (Distrito Candelaria) - Chile

Details

Smelter and Mine Statuses

Currently there are five different smelter types defined in CDX for Smelters and Mines, which will be shown using different colors in the tree structure:

- **Conflict free specified by RMI:** Verified conflict-free by the Responsible Minerals Initiative.
- **Standard defined in RMI CMRT/EMRT:** Standard entities listed in RMI templates.

- **Registered companies in CDX:** Companies that have actively registered an account in CDX.
- **Alleged defined by users in CDX:** Entities manually created by users that do not exist in the standard databases.
- **No longer RMI listed:** Represents entities which are no longer in operation or which have failed an RMAP audit.

Supplemental Input

By clicking on a smelter or a mine (EMD only) in tree structure, the right area changes and you see details for the selected entity. Here you can see and/or add supplemental input for the selected smelter or mine. With a valid RMD Manager License you can also export the existing supplemental input into MS Excel.

Details

Common Information

Type: Smelter - Conflict Free
Node ID: 218095
Supplier: AU Traders and Refiners
Smelter ID: CID002850
Metal: Gold (Au)
Facility City: Johannesburg
Facility State/Province: Gauteng
Facility Country: Johannesburg, South Africa
CM Policy: Link URL

Dates

Creation date: 4/17/2020
Release Date: 5/28/2018
Last Audit Date: 5/28/2018
Valid Until: 5/28/2021

Supplemental Input

View ▾ Add Edit Delete Export

Input by	Smelter ID	Source of Smelter ID	Contact Name	Contact E-mail	Proposed next steps	Mine Name	Mine Location
CDX Service Team...	CID002850	RMI					
Valeo	CID002850	RMI					
Infinion Technolo...	CID002850	RMI					
Analog Devices, Inc.	CID002850	RMI					
Weidmueller Interf...	CID002850	CFSI					
Phoenix Contact G...	CID002850	CFSI					
Eaton Corporation ...	CID002850	CFSI					

Details

Common Information

Type: Mine - Standard
Node ID: 62972
Supplier: Industrial Minera Mexico, S.A. de C.V. - Refineria Electrolitica de Zinc
Mine ID: CID005559
Mine Mineral: Copper (Cu)
City: San Luis Potosí
Country: San Luis Potosí

Dates

Supplemental Input

View ▾ Add Edit Delete Export

Input by	Mine ID	Source of Mine ID	Contact Name	Contact E-mail	Propo
There is no supplemental input related to this mine yet.					

Add Alleged Smelters into CMD

You may need to define and add a new smelter (alleged smelter) which does not exist in CDX. When intended only for your company's usage, you and your company have full control over the information associated with these smelters (alleged smelters).

To define and add a new alleged smelter in your CMD on the fly, click the Add Smelter icon  above the top node of the CMD tree. A separate "Create Alleged Smelter" wizard will appear in a new window to guide you through the alleged smelter creation process.

CDX - Compliance Data Exchange
Add alleged Smelter : Company Data

Select Smelter Mother Company

Company Name

< Previous Next > Cancel Apply

There are 3 steps to define a new alleged smelter. During the definition process you may switch back and forth between steps by clicking the **Previous** or **Next** buttons.

Step 1: Enter the smelter company name. In the unlikely event you are identifying a new metal for an existing facility, choose the smelter from the drop-down list. To continue click the **Next** button at the bottom.

Step 2: Enter the new facility name and location information, or if an existing smelter was selected in the previous step, verify the displayed information.

CDX - Compliance Data Exchange
Add alleged Smelter : Facility Data

Select Facility

Smelter Name

Known alias

Aliases Remove

Street

Zip or Postal Code

City

State / Province

Mailbox

Country *

Contact Name

Contact E-mail

< Previous Next > Cancel Apply

Once the facility information is accurate and as complete as possible with at least all required fields entered, click on **Next** button to proceed.

CDX - Compliance Data Exchange

Add alleged Smelter : Conflict Mineral Data

Metal *

Mineral Source

Is Conflict Free [Link to "CFS Compliant Gold Smelter List"](#)

Mine Name

Mine Country

View ▾ + Add - Remove

Metal	Is Conflict Free	Mineral Source	Mine Name	Mine Country
No data to display.				

[Previous](#)
[Next](#)
[Cancel](#)
✓ [Apply](#)

Step 3: Metal identification. Select the metal processed at the smelter and enter any source information available. Select the **Add** button and the defined metal will be shown in the table at the bottom, and the entry fields at the top will be cleared to allow additional entries. There is no practical limit to the number of metal sources which may be recorded for a facility.

In the example shown here, we have defined two different usages of gold for our smelter, which sources from different mine locations.

CDX - Compliance Data Exchange

Add alleged Smelter : Conflict Mineral Data

Metal

Mineral Source

Is Conflict Free

Mine Name

Mine Country

View ▾ + Add - Remove according to assessment by EICC-GeSI

Metal	Is Conflict Free	Mineral Source	Mine Name	Mine Country
Gold (Au)	unknown	Mine	X mine	Germany
Gold (Au)	unknown	Mine	Y mine	Belgium

[Previous](#)
[Next](#)
[Cancel](#)
✓ [Apply](#)

To save the new alleged smelter and its information in your CMD, click the ✓ Apply button. (The button is only

available when all required fields for all three steps are complete and a metal source is defined in the table).

Once the definition process is complete, the definition window will disappear and any new alleged smelters will be shown in your CMD.

new CMD

- Gold (Au) - 8853 S.p.A. - Italy
- Gold (Au) - AU Traders and Refiners - South Africa
- Gold (Au) - Abington Reldan Metals, LLC - United States
- Gold (Au) - **Acade Metals Co.,LTD - China**
- Gold (Au) - Acade Noble Metal (Zhao Yuan) Corporation - China
- Gold (Au) - Academy Precious Metals (China) Co., Ltd. - China
- Gold (Au) - AcademyPreciousMetals(China)Co.,Ltd - China
- Gold (Au) - Advanced Chemical Company - United States
- Gold (Au) - African Gold Refinery - Uganda
- Gold (Au) - Agosi AG - Germany
- Gold (Au) - Aida Chemical Industries Co., Ltd. - Japan
- Gold (Au) - Aida chemical Industrial Co LTD - Japan
- Gold (Au) - Aida chemical industries Co.,LTD,(is Metalor Japan) - Japan
- Gold (Au) - Al Etihad Gold Refinery DMCC - United Arab Emirates
- Gold (Au) - All Right Consultant & Development Co Ltd - China

Details

Common Information

Type: Smelter - Alleged
Node ID: 53669
Supplier: Acade Metals Co.,LTD
Metal: Gold (Au)
Facility Country: China

Dates

Creation date: 9/19/2014
Release Date: 9/19/2014

Supplemental Input

Add Alleged Mines into EMD

Similarly, if a Mine does not exist in CDX, you can define an Alleged Mine. Select the parent Smelter in the tree structure and click the Add Alleged Mine icon . A wizard similar to the Smelter creation process will guide you through defining the Mine's name, location, and details.

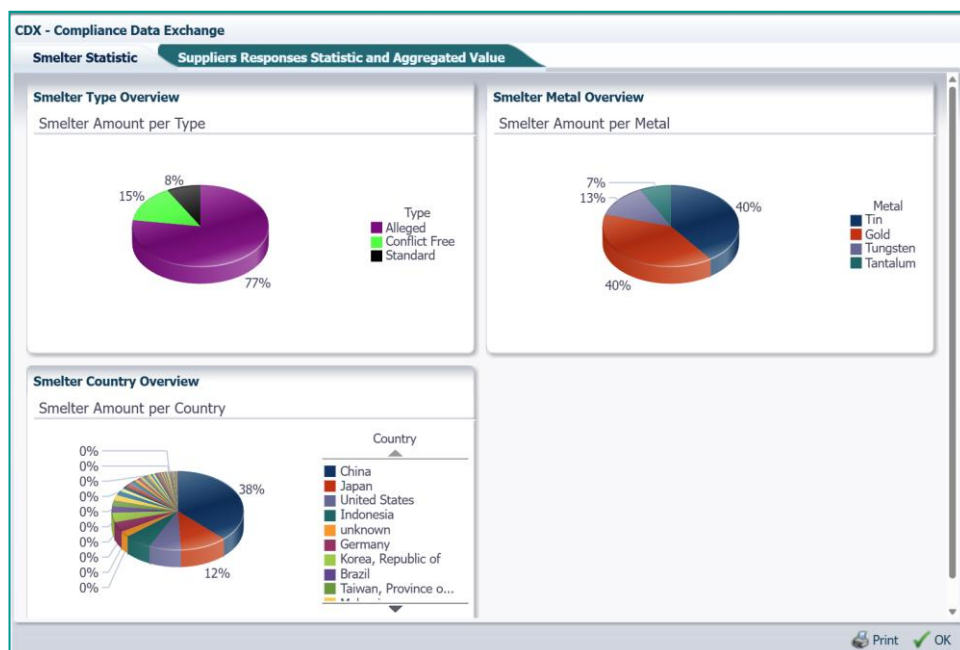
Once an alleged smelter or mine is defined, it can be reused as with any other existing smelters in your Declarations. The only difference is alleged entries may only be found and referenced within your company's system. Alleged entities have always the predefined smelter type **Alleged**.

Smelter Overview

To get an overview of smelters included in your tree structure, use the (Statistics) button above the structure, and you will see a separate window with graphical information about all smelters used (Smelter Statistic):

- Smelter Types
- Smelter Countries
- Smelter Metals

If one or more suppliers are included in your Declaration, this window also provides the “Suppliers Responses Statistic and Aggregated Value” in a separate tab.



Supplier Data Screen

This screen gives your customer information on who to contact outside CDX in case of any questions related to this request. Since every Declaration must have a contact, the default is the first contact assigned to your company.

The Supplier Data Screen looks similar to the following:

The CMD/EMD Contact and CMD/EMD Authorizer information is NOT editable. All of the information is drawn from the information on the User list of your company. If there is missing or incorrect information, the Company Administrator must correct it in the User Administration screens. The CMD/EMD Authorizer information depends on the users "Personal Settings".

You select the appropriate contact from the drop-down list. The CDX system then goes to the Contact List for your company and displays the Email, Telephone stored on the Contact List. Once you have made certain the correct contact data is on this page, you can move onto the Recipient Data Screen.

Recipient Data Screen

A Recipient is which CDX company you're going to propose this Declaration to. It cannot be your own company and if the recipient has Org Units, only one Org Unit of the company can appear in the Recipient list for an ID/Version combination.

The following table gives the definition of the Recipient Data Screen icons:

Icon	Action	Description
	Add Recipient	This button opens the company search screen, where you can find your recipient. Only companies registered in CDX can be found in the company search screen. If you want to search also for Org Units, please unmark the field "only root companies".
	Remove Recipient	When a Recipient is highlighted, this button will not be greyed out and you can use it to remove a Recipient.
	Propose	If there is at least one recipient in the Recipient list that has not received the Declaration, this button will not be greyed out. This button initiates the Propose activity which includes internally releasing, so no more changes can be made except to add Recipients.

Adding a Recipient

When you click on the Add Recipient button, a search will begin so you can find your CDX Recipient. After finding your recipient, you click on the button and the recipient will be added.

CMD Search **Details** **Supplier data** **Recipient data** **CMD Request**

Name CDX_CDX-ID_0_CMRT-5.10_20180526 ID / Version 170922 / 1 Node ID 170922 Status Internally released

Details

Company CDX Service Team (Germany) (Supplier) [1]
 Organisation unit CDX Service Team (Germany) (Supplier) [1]
 Recipient status not yet browsed

Company Supplier Codes
 No Supplier Codes
 Admin Supplier Codes

Rovno
 3335677
 07-781-7617

Name CDX_CDX-ID_0_CMRT-5.10_20180526
 Assigned numbers -

The recipient list includes an icon for the current status of the recipient. A traffic light system is used: Accepted CMDs/EMDs have a green icon, rejected ones are red. All others (unseen, seen, etc.) are yellow.

Additionally, each recipient has a symbol preceding it indicating if the recipient was added as an ordinary recipient.

Looking at the recipient specific details on the right side you see the following information:

CMD Search **Details** **Supplier data** **Recipient data** **CMD Request**

Name CDX_CDX-ID_0_CMRT-5.10_20180526 ID / Version 170922 / 1 Node ID 170922 Status Internally released

CDX - Compliance Data Exchange

DELETE_SUPPLIER_CODE
 Are you sure you want to delete all supplier codes ?

Details

Company CDX Service Team (Germany) (Supplier) [1]
 Organisation unit CDX Service Team (Germany) (Supplier) [1]
 Recipient status not yet browsed

Company Supplier Codes
 No Supplier Codes
 Admin Supplier Codes

Rovno
 3335677
 07-781-7617

Name CDX_CDX-ID_0_CMRT-5.10_20180526
 Assigned numbers -

For the added recipient you can add (+) or remove all Company Supplier Codes with one click on (-) without selecting any Company Supplier Codes then confirmation message will be displayed to confirm delete all Company Supplier Codes for this Recipient. This is how your client tracks your information in their system. Sometimes a DUNS number is used and sometimes they may have a special coding system. When you add a new recipient, who has already defined Supplier Codes in his company information for your company (as described in chapter Administration > Company), the pre-defined codes will be loaded as “Admin Supplier Codes” and are not editable.

You can change the Name for your Declaration in accordance with agreed communications for the chosen recipient. Additionally, you can assign MDSs to declare conflict minerals or extended materials for those MDSs to your supplier. You can create a txt file with valid part/item numbers to upload it (with Browse), or you can use the (+) to add valid part/item numbers or search (-) for the MDSs you want to assign. Only MDSs you’ve already sent to and were accepted by the chosen recipient are valid to be assigned here.

Clicking the search button (-) opens the MDS outbox where you can search for accepted MDSs, sent to the chosen recipient company. You are not able to change the status or the recipient company in this screen:

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check	100% declaration	last status changed
testMatName		178503393 / 0.01	178503393	5	9/11/2025	CDX Service Team (Germany) (Supplier...	part221-0	browsed			9/15/2025
Test_group_req		178438862 / 1	178438862	3	9/10/2025	CDX Service Team (Germany) (Supplier...	1236	accepted			9/10/2025
testrejectaccept		169306180 / 1	169306180	13	7/16/2025	CDX Service Team (Germany) (Supplier...		accepted			7/16/2025
Test_manual		159740037 / 1	159740037	3	6/6/2025	LETRUONGPROD [31793]		accepted			7/10/2025
PL_Acc_Batch_T1		150350318 / 1	150350318	12	3/27/2025	CDX Service Team (Germany) (Supplier...	123341	accepted			7/10/2025
PL_Acc_Batch_T1		150342897 / 1	150342897	12	3/27/2025	CDX Service Team (Germany) (Supplier...	123341	accepted			3/27/2025
OL_test		146570462 / 1	146570462	13	2/25/2025	LETRUONGPROD [31793]		accepted			2/25/2025

Select the MDSs you want to assign (multiple selection with control / shift key) and click on **Apply**. To assign all results, please click on **Apply all**.

Requests

Besides the “Add recipient” button, an “Assign CMD” button is created. By clicking on it, a request lookup search is opened and the user can choose one or more open request(s) to the current Declaration. The CMD /EMD Request lookup dialog is opened, for which the following search parameters are copied from the current CMD and they are read-only: declaration scope, request recipient, status (“received”), template version. Be aware that the recipients are filtered out of the search results.

If the selected recipient in the Recipient Data tab is associated with a request, the CMD/EMD Request tab will become active. And the request tab will refresh the request details accordingly. In addition, a short request summary is added to the end of the details section on the Recipient Data tab. Click on the button “Show Request Details” to switch to the CMD/EMD Request tab:

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check	100% declaration	last status changed
testMatName		178503393 / 0.01	178503393	5	9/11/2025	CDX Service Team (Germany) (Supplier...	part221-0	browsed			9/15/2025
Test_group_req		178438862 / 1	178438862	3	9/10/2025	CDX Service Team (Germany) (Supplier...	1236	accepted			9/10/2025
testrejectaccept		169306180 / 1	169306180	13	7/16/2025	CDX Service Team (Germany) (Supplier...		accepted			7/16/2025
Test_manual		159740037 / 1	159740037	3	6/6/2025	LETRUONGPROD [31793]		accepted			7/10/2025
PL_Acc_Batch_T1		150350318 / 1	150350318	12	3/27/2025	CDX Service Team (Germany) (Supplier...	123341	accepted			7/10/2025
PL_Acc_Batch_T1		150342897 / 1	150342897	12	3/27/2025	CDX Service Team (Germany) (Supplier...	123341	accepted			3/27/2025
OL_test		146570462 / 1	146570462	13	2/25/2025	LETRUONGPROD [31793]		accepted			2/25/2025

If the selected recipient is not associated with a request, the CMD/EMD Request tab will become inactive.

For further information on requests, please see the Request section.

Check Procedure

Currently the check procedure is mandatory prior to a proposal. To start the check procedure please use from the Toolbar or the Check function in menu.

You can also perform Search Quality Reporting with pre-defined rules using the button above the tree structure.

Displaying Check Results

Check results can either be declared as “error” or as “information” (warning). While errors prevent the user from proposing the Declaration, information check entries do not. Information entries are not to be totally ignored as they are an indication that something is out of the norm on that particular entry on the tree and requires further investigation to know whether the data is appropriate in the circumstances or not.

If the check returns without any findings the user is informed by an appropriate message displayed in the table.

Check results - 0 Error(s) / 0 Information

View ▾ Menu Export

Type	Tab	Node / Recipient	Message
The CMD successfully passed all checks.			

Cmd Validation Check Result Cmd Quality Check Result

Check results - 0 Error(s) / 0 Information

View ▾ Menu Export

Type	Tab	Node / Recipient	Message
The EMD successfully passed all checks.			

EMD Validation Check Results

If the check returns findings, they are displayed in the Check Results table. With the corresponding Export button at the top of the table and a valid [RMD Manager License](#) you can export the Check Results into an MS Excel file.

Received CMD Requests Details * Supplier data * Recipient data CMD Request

Legend ■ ■ ■ ■ ■

Common Information

Type Conflict Minerals Declaration
 Template version 6.1
 Declaration Scope
 Description of Scope
 ID / Version 261284 / 1.01
 Node ID 261285
 Supplier CDX Service Team (Germany)
 Name CMD

Dates

Creation date 2/17/2022
 Release Date -
 Check Date -

Metals identification

1. Is any 3TG intentionally added or used in the product(s) or in the production process? If no for all metals, you are done with this survey.

No.	Metal	Answer	Comments
1	Tantalum	No	Question 1 about metal Tantalum is answered "No" in metal identification, comments is not yet given
2	Tin	No	Question 1 about metal Tin is answered "No" in metal identification, comments is not yet given

Check results - 1 Error(s) / 4 Information

View ▾ Menu Export

Type	Tab	Node / Recipient	Message
Error	Details	PL_CD-X-1331_T2	You need to select the declaration scope before saving
Information	Details	PL_CD-X-1331_T2	Question 1 about metal Tantalum is answered "No" in metal identification, comments is not yet given
Information	Details	PL_CD-X-1331_T2	Question 1 about metal Tin is answered "No" in metal identification, comments is not yet given

On the Details tab, all nodes where there has been a check issue are marked with an error  and/or information  icon. If a field can be assigned to a check issue, this field is also marked in the detail section with an appropriate icon.

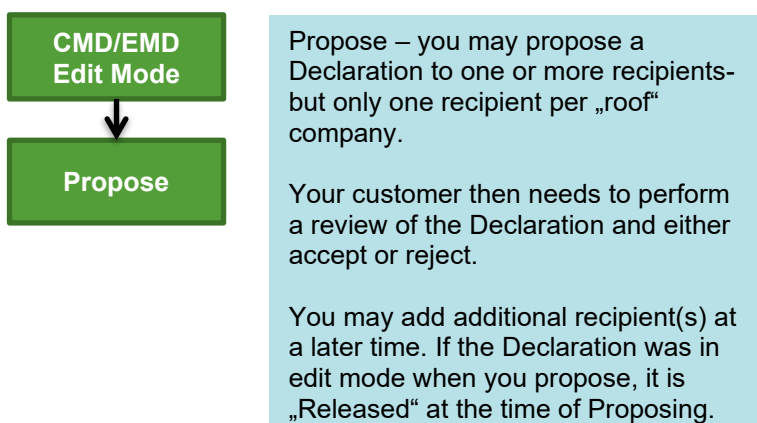
If you double click on the row or select the popup menu “Show” for a finding in the check result table, the corresponding tree entry is automatically selected and the node detail displayed. In case the node detail attribute is contained in a collapsed group, this group is automatically expanded. In case the corresponding fields are located on another tab, it will be opened automatically.

When returning from a check execution the first check result table entry is selected and all erroneous objects are displayed and marked. The following table describes the fields in the Check Results table:

Column	Description
Type	Type of the finding – can be an error or an information and is indicated only by an icon.
Tab	The tab layer on which the finding is located. Can be Ingredients, Supplier data or Recipient data.
Node / Recipient	The node name and its associated icon if the finding is located on the tab layers Ingredients or Supplier data. The recipient company name in case the finding refers to the Recipient data tab layer.
Message	The error or information message that describes the problem. The message might contain parameters. Messages are multilingual, so it is displayed in the selected application language.

Propose a RMD

Unless you **Propose** the CMD/EMD to your customer, they will not see your entry. The following pictures explain how Proposing works:



CMD QUALITY REPORTING

To improve your own CMD data quality, as well as your supplier's data quality, you can use the CMD Quality Reporting function. It is available through the Functions menu in CMD view, and is divided into two parts. The first part allows the user to select which Conflict Minerals Declarations should be included in the reporting. You can specify this by using the typical search parameters (such as CMD name, CMD-ID, template version). In addition, you can define the CMDs to consider by specifying their state:

- Reporting on all supplier CMDs (state: not seen, seen, accepted, rejected, cancelled) and/or
- Reporting on all user owned CMDs already sent to a recipient (state: not seen, seen, accepted, rejected, cancelled) and/or
- Reporting on all user owned CMDs (state: edit/released)

In the second part of the Quality Reporting, a [quality profile](#) can be executed against all result CMDs of the first part. You can use pre-selected quality profiles, as well as your company's own created profiles. This allows filtering to continue for CMDs for which the check leads to fatals, errors, warning, information or combinations of those.

You can also search through the content of the CMDs such as the different smelter types included or excluded or the metals processed in those smelters:

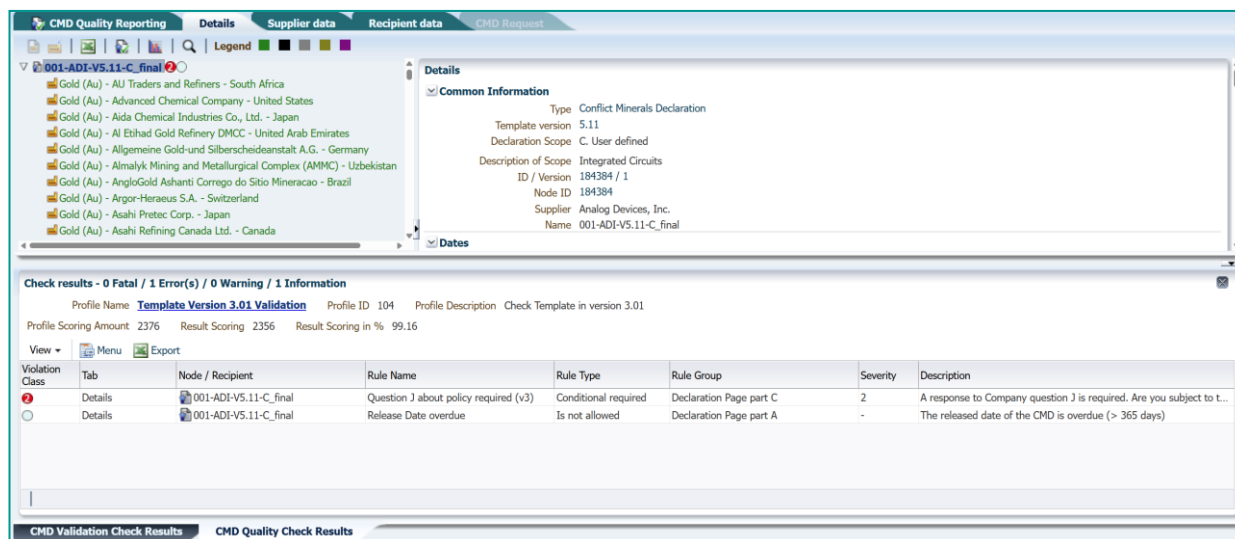
Alongside the check results (such as fatal, error, etc.) a score and a percent value is determined for each result CMD and displayed in the result table. This score value indicates how well the CMD passed the checks contained in the quality profile.

Name	ID / Version	Node ID	Company Name	Status	Date	Recip State	Recip State Date	Template version	Is imported	Result Scoring	Result Scoring in %	Fatal	Error	Warning	Information
CMD202	9901 / 1	9901	Hewlett Packard GmbH	Internally released	6/30/2014	accepted	7/24/2014	2.02	Yes	2103	99	0	0	10	0
CMD202	580 / 1	580	CDX Service Team (Germany)	Internally released	6/17/2013	accepted	7/1/2013	2.02	No	2103	99	0	0	10	0
Copy_CMD202	9906 / 0.01	9906	CDX Service Team (Germany) Sup...	Edit mode	6/30/2014	-	-	2.02	No	2103	99	0	0	10	0
Copy_CMD202	9907 / 0.01	9907	CDX Service Team (Germany) Sup...	Edit mode	6/30/2014	-	-	2.02	No	2103	99	0	0	10	0
Grilis New CMD	9951 / 0.01	9951	CDX Service Team (Germany) Sup...	Edit mode	7/23/2014	-	-	3.01	No	1214	57	0	18	0	0
HP_Test_template	3296 / 1	3296	HP	Internally released	6/17/2013	accepted	6/17/2013	2.02	Yes	1764	83	0	4	0	0
HP_Test_template	3295 / 1	3295	HP	Internally released	6/17/2013	accepted	6/17/2013	2.02	Yes	1764	83	0	4	0	0
Mein Beispiel CMD	3293 / 0.01	3293	CDX Service Team (Germany) Sup...	Edit mode	6/14/2013	-	-	2.02	No	1854	87	0	3	0	0
New CMD	11232 / 0.01	11232	CDX Service Team (Germany) Sup...	Edit mode	7/28/2014	-	-	3.01	No	1214	57	0	18	0	0
New CMD	11231 / 0.01	11231	CDX Service Team (Germany) Sup...	Edit mode	7/28/2014	-	-	3.01	No	1214	57	0	18	0	0

With the "Statistics" button above the result table you can see and print statistical graphs for all own CMDs and all supplier CMDs in the table to improve the data quality.



To see detailed information from the Quality Reporting for one CMD, please double click in the results table on the relevant CMD. You will see the CMD details screen with the Quality Reporting Check Results in the lower area of the screen:



You can also perform the CMD Quality Reporting by using the  button above the CMD structure. You will be asked which Quality Profile you want to use and will see the same window as above with the CMD structure and detailed information and the CMD Quality Check Results below.

The CMD Quality Check Results provide the following information: Profile Name, Profile ID, Profile Description. A double click on the shown Profile Name opens a separate window with all details information for the selected profile. Furthermore, you will see a Profile Scoring Amount, the Result Scoring, and the Result Scoring by percent (%). Every check rule has a defined scoring amount based on violation class and severity. The total scoring amount of the checks included in the profile gives the Profile Scoring Amount. The Result Scoring amount is the total from all successful checks – the percentage indicates how successful the CMD passed the checks contained in the quality profile.

The results table lists all violations, which are also shown by a symbol within the corresponding CMD details:

Field Name	Description
Violation Class	System's level class of a violation. Valid results: Fatal, Error, Warning, Information. This can be changed for company rules by the Company Administrator.
Tab	Give the information, where the violation can be found.
Node / Recipient	Name of the CMD
Rule Name	Describes the rule against which the CMD is checked.
Rule Type	Details regarding the type of condition supported:

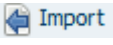
	Is Required: Question must be answered. Pick List equals text: The option is a pick list, and specific selections in the list satisfy the rule. Cond. Required: The field is conditionally required based upon the answer to another question. Cond. Not Allowed: The field is not permitted based upon the answer to another question.
Rule Group	Indicates the section of the CMD (i.e. Declarations Page Part A, B, C and Smelters List Page), where the violation was found.
Severity	System's level severity of a violation. Valid amounts are from 1 (low) to 9 (high). This can be changed for company rules by the Company Administrator.
Violation Text	Feedback message given when the rule is violated.

With the corresponding Export button at the top of the table and a valid CMD Manager License you can export the Quality Report Results into an MS Excel file.

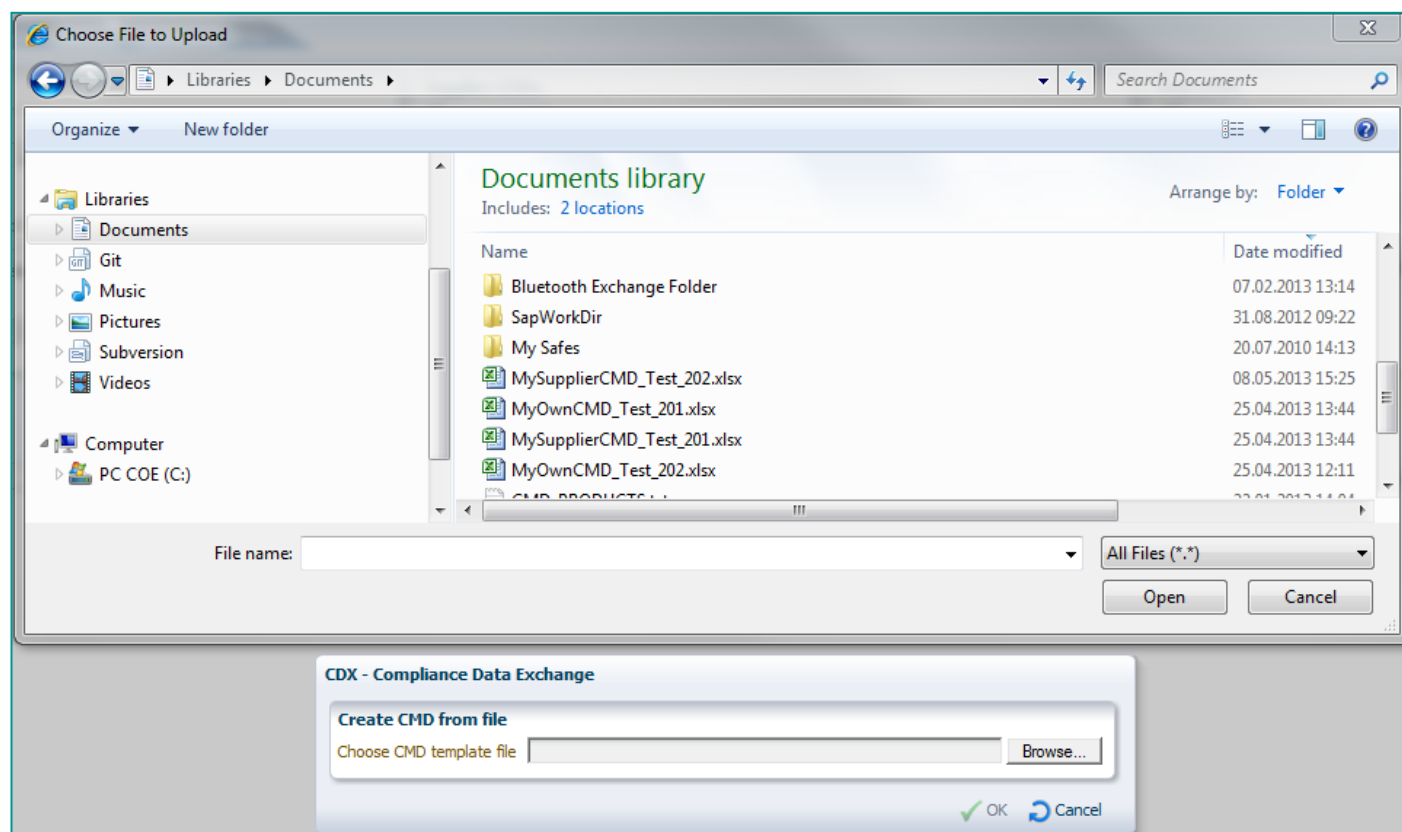
IMPORT / EXPORT A RMDs

Beginning with CDX version 3, you can import a completed RMI CMR and EMR templates Excel workbook into CDX, or export an existing CDX CMD and EMD to a RMI CMR and EMR templates Excel workbook for later usage or sharing. Exporting and importing functionality require a valid CMD Manager License, which the Company Administrator can order in the Administration > CDX Licenses menu.

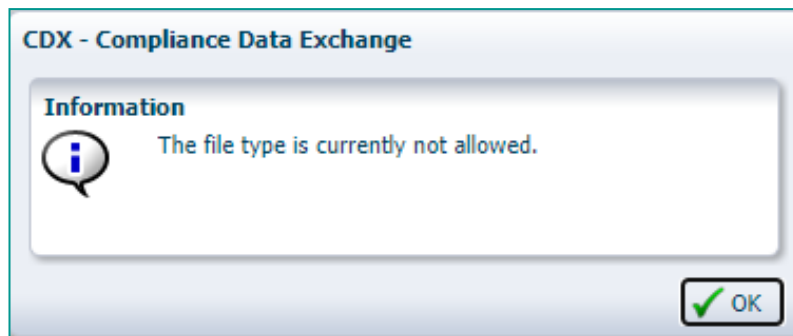
Import a RMD

Use the “Import RMI CMRT” and “Import RMI EMRT” in the CMD/EMD menu or select **CMD/EMD Search** from the **Functions** menu. In the “**CMD Search**” and “**EMD Search**” screen, use the  **Import** button in the right middle to get started.

When you click the import button, a file selection dialog will be shown, which allows you to choose a completed RMI CMR/EMR template Excel workbook for import.



Currently, only files in Microsoft Excel .xls or .xlsx format are supported for CMD/EMD import. If you choose any format other than Excel, a dialog will inform you to select the correct format.



Select the template file and click **Open**. Select **OK** button the subsequent dialog, and the selected RMI CMRT/EMRT will be imported into CDX. During the import process, CDX checks in the background, if previous versions exist. You will see the CMD/EMD information (file name, company name, declaration scope ...) and for own CMDs/EMDs every existing Declaration that could be a previous version (candidate CMDs/EMDs). You can select to import your own CMRT/EMRT as a new CMD/EMD, or you can import it as a new version of an existing Declaration. If higher versions of your CMD/EMD to be imported are available, these will also be shown, but not as candidates for versioning, because only lower versions can be used in this case.

After importing with reference to a previous version the same ID as the previous version is used, but a higher version number.

With this step you have the ability to track your imported CMRT/EMRT and its relationship to other CMDs/EMDs owned by your company. For supplier CMRTs/EMRTs you have only the possibility to "Import as new CMD" and "Import as new EMD" accordingly.

CDX - Compliance Data Exchange

Import Options

Information of CMRT being Imported:

CMRT Filename	Company Name	Declaration Scope	Description of Scope	Template version	Effective Date
My_Template_V40.xlsx	CDX Service Team (Germany) [0]	C. User defined		4	04/30/2015

☐ Import as new CMD
☐ Import as new version of an existing CMD

Information of Candidate-CMDs

Please select one of the following existing CMDs as previous version of the CMRT being imported.

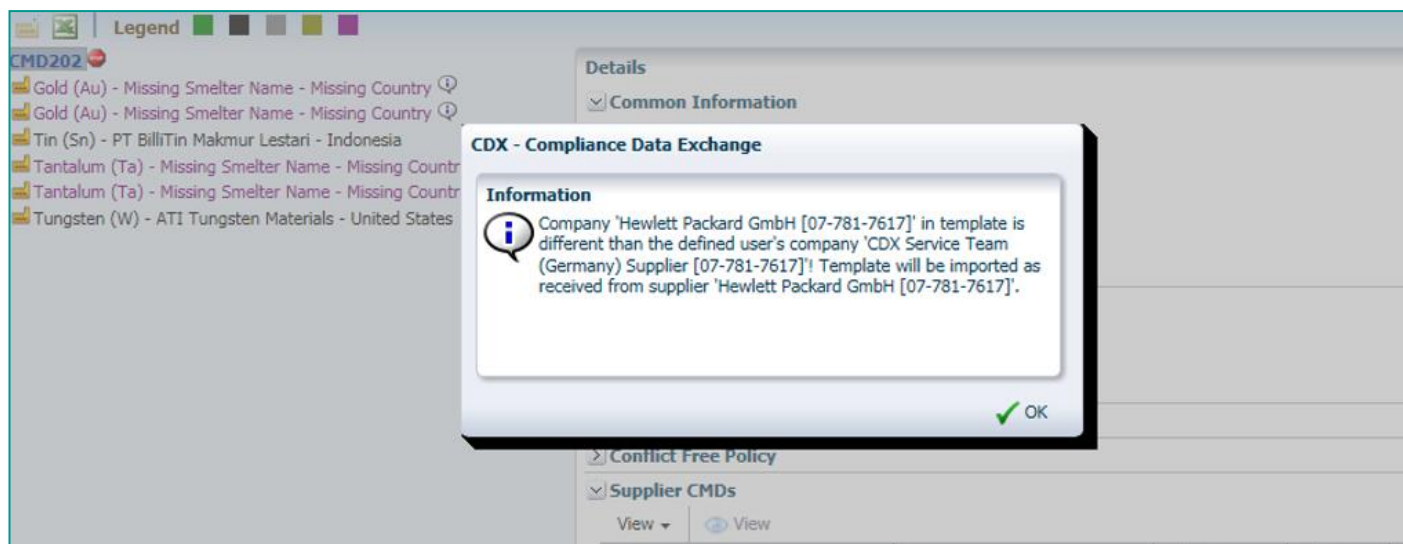
ID / Version	Name	Company Name	Declaration Scope	Description of Scope	Template version	Effective Date
6414 / 1	TestHPTemplate	CDX Service Team (US)	C. Product Catego...	Desktop (DTO)	2	10/16/2013
6855 / 1	TestHPTemplate	CDX Service Team (US)	C. Product Catego...	Desktop (DTO)	2	10/17/2013
26792 / 1	MyOwnCMD_Test_202	CDX Service Team (Germany)	C. Product Catego...	abc test ??	2.02	1/16/2014

OK Cancel

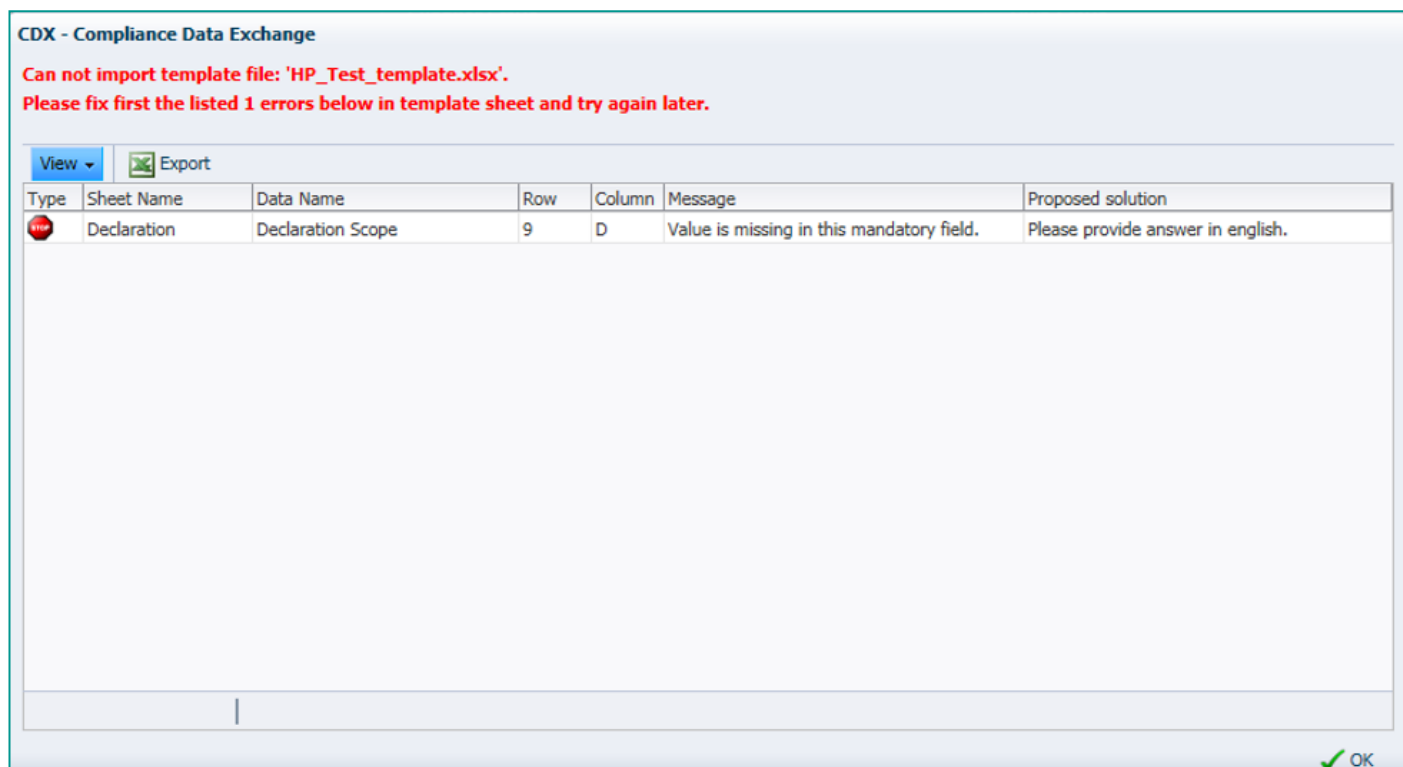
A new CDX CMD/EMD will be created from the contents of the template, and the detailed view of the newly created CMD/EMD will be displayed.

A RMI CMR and EMR template may contain information for a user's own company, or for another company which is a supplier to the user's company. An imported CMD/EMD is treated as the user's company's CMD/EMD if the company name in the template is exactly the same as that of the user's, and if a company unique identifier is entered in the template, this must match also with the user's company's information in CDX. Currently, the DUNS number is used as a company unique identifier. Otherwise, the imported CMD/EMD is treated as a third-party Declaration from a supplier and you are not able to use it without accepting it. This step requires a RMD Manager License.

From a process point of view, there is no difference between these two situations except a supplier CMD/EMD import displays an additional dialog to inform the user a supplier CMD/EMD has been imported.



A validation check is performed upon the content of the template during the CMD/EMD import. Some errors prevent the import. For those errors, you will receive information about the error(s) that must be corrected in the xls template before the import can be done.



Other information (warning) and error messages (not preventing the import) will be shown in the same window, but can be confirmed with OK, and the template will be imported.

Any detected errors/information are shown in the check result pane at the bottom of the CMD detail view. If no errors are found, a successful check message will be displayed in this panel.

CMD Quality Reporting Details * Supplier data * Recipient data * CMD Request

Legend

- CMD202
- Gold (Au) - Missing Smelter Name - Missing Country
- Gold (Au) - Missing Smelter Name - Missing Country
- Tin (Sn) - PT BilliTin Makmur Lestari - Indonesia
- Tantalum (Ta) - Missing Smelter Name - Missing Country
- Tantalum (Ta) - Missing Smelter Name - Missing Country
- Tungsten (W) - ATI Tungsten Materials - United States

Details

Common Information

Type: Conflict Minerals Declaration
 Template version: 2.02
 Declaration Scope: B. Division Level
 Description of Scope: -
 Supplier: Hewlett Packard GmbH
 Name: CMD202

Dates

Creation date: 7/24/2014
 Release Date: 6/14/2013
 Check Date: -

Metals identification

Conflict Free Policy

Supplier CMDs

Product List

Attachment

Check results - 2 Error(s) / 8 Information

Tab	Node / Recipient	Message
Supplier data		Contact must be specified
Details	Gold (Au) - Missing Smelter Name - Missing Country	Country is missing
Details	Gold (Au) - Missing Smelter Name - Missing Country	Smelter name is missing
Details	Gold (Au) - Missing Smelter Name - Missing Country	Country is missing
Details	Gold (Au) - Missing Smelter Name - Missing Country	Smelter name is missing
Details	Tantalum (Ta) - Missing Smelter Name - Missing Country	Country is missing

By default, the name of the CMD/EMD template file is used to name the new CMD/EMD. For an imported CMD/EMD template received from a supplier, only the recipient specific data may be edited. To avoid inconsistent content between the original Declaration and the CDX RMD, all other fields are read only.

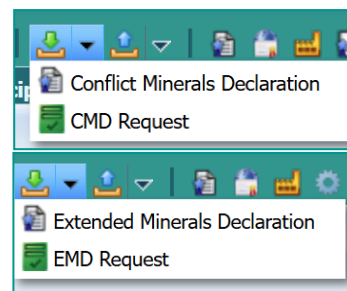
An imported template can be sent to customers, copied to create a new editable Declaration, or included within the user's company via supplier CMD/EMD roll up (more on this later).

Always remember to save all valid new CDX Declarations created via CMD/EMD Template import, or via any other method.

Supplier RMD Roll up

To include an imported supplier CMD/EMD within a user's company CMDs/EMDs, additional preparation is needed.

After the supplier's Declaration is imported, the user must "Accept" it. Go to the Inbox by clicking the menu item **"Conflict Minerals Declaration"** or **"Extended Materials Declaration"** within the Inbox Toolbar drop down menu or in the Functions > Inbox menu.



The user may set search parameters to limit the search results, such as setting the **Only imported from Template** option to **Yes** (default is **No**), or **status** to **browsed**. If you know the template version, users may also select a specific version from the **Template version** drop down list.

Received CMD Requests Details Supplier data Recipient data CMD Request

Requester / Requester

Request ID:
 Requester: ☐ Enable search by requester
 Supplier: Company
 Supplier search is disabled.
 Recipient:

Date / Status

Deadline date: from to
 Status: ☒ open requests ☐ Overdue
☒ attached
☒ received
☒ awaiting acceptance
☐ completed
☒ rejected
 Supplier registration open

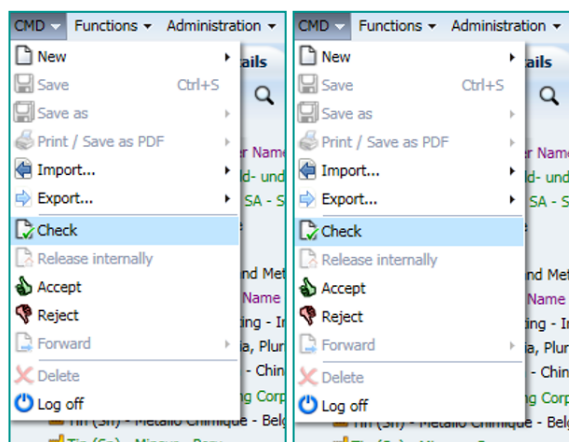
Conflict Minerals Declaration

Template version:
 Declaration Scope: ☐ A. Company
☐ B. Product (or List of Products)
☐ C. User defined
 Product/Item Number:
 Assigned CMD:
 Name:
 Node ID:

Request ID	Requester [Company ID]	Requester CMD Contact	Deadline date	Status	Project	Supplier Code	Template version	Declaration Scope
50645	CDX Service Team (Germany) (...)	Uj, Peng	12/29/2024	rejected		test123 [...]	6.4	Company
45033	TH Eschborn [28714]	Haun, Thorsten	11/30/2023	received / Overdue			6.31	Company
45032	TH Eschborn [28714]	Haun, Thorsten	11/30/2023	received / Overdue			6.31	Company
39243	CDX Service Team (Germany) (...)	Uj, Peng	10/13/2022	attached / Overdue		07-781-7617 [...]	6.22	Company
38824	CDX Service Team (Germany) (...)	Uj, Peng	05/17/2022	attached / Overdue		test123 [...]	6.1	Company
37280	TechnoServ [33425]	Uj, Peng	03/15/2022	awaiting acceptance			6.1	Company

Note: For imported supplier's CMDs/EMDs, the initial status is always set to **browsed**, which means they have been viewed (during import) by a user within the company.

Double click a CMD/EMD displayed within the search result. The detailed view of the selected supplier Declaration is shown. Review it and if it appears valid, accept by selecting  **Accept** from the CMD/EMD menu.



A user must first create or open an “owned” CMD /EMD to add an accepted supplier Declaration. From the detail screen, open the **Supplier CMDs/EMDs** section on the right.

Metals identification

Conflict Free Policy

Supplier CMDs

View  Search for accepted CMDs  View  Delete  Export

Name	Company Name	ID / Version	Node ID	Release Date	Template version
There is no supplier's CMD assigned to this CMD yet.					

Total records found 0

Product List

Attachment

Details

Common Information

Dates

Metals identification

Conflict Free Policy

Supplier EMDs

View  Search for accepted EMDs  View  Delete  Export

Name	Company Name	ID / Version	Node ID	Release Date	Template version
There is no supplier's EMD assigned to this EMD yet.					

Total records found 0

Product List

Attachment

Click the **Search for accepted CMDs/ EMDs** button. An accepted supplier CMD/EMD search window opens,

from which the user may search for specific accepted Declarations from their direct suppliers. Once an accepted supplier CMD/EMD you would like to include in your own CMD/EMD is selected, click the  button.

Note: For multiple selections, please press the **control** or the **shift key** during the selection process and click on . Use the  button only to include all CMDs/EMDs from the result table in your Declaration.

CDX - Compliance Data Exchange

General / Date

Name

CMD ID all

Node ID

Template version Only imported from Template

Part/Item No.

Date ☐ transmitted (proposed)
☐ last status changed

Status

Combined ☒ all ☒ open CMDs ☐ none

Single ☐ not yet browsed
☐ browsed
☒ accepted
☐ rejected
☐ cancelled by sender

Recipient / Supplier

Org Unit

Supplier ☐ Enable search by supplier

Supplier search is disabled.
☒ Include all Org Units

Search

Name	ID / Version	Node ID	transmitted	from comp. (Org Unit) [Company ID]	Status	last status changed	Template version	imported
CMD CDX Team workshop_4.01	24156 / 1	24156	6/14/2016	CDX Service Team (Germany) [0]	accepted	6/14/2016	4.01	No
Test_GGI CMD	23991 / 1	23991	7/13/2015	CDX Service Team (Germany) [0]	accepted	6/14/2016	4.01	No
New CMD for Grit	11233 / 1	11233	7/29/2014	CDX Service Team (Germany) [0]	accepted	6/14/2016	3.01	No
Copy_CMD202	23998 / 1	23998	8/5/2015	CDX Service Team (Germany) [0]	accepted	8/20/2015	2.02	No
CMD202	9901 / 1	9901	6/30/2014	Hewlett Packard GmbH	accepted	7/24/2014	2.02	Yes
HP_Test_template	3296 / 1	3296	6/17/2013	HP	accepted	6/17/2013	2.02	Yes
HP_Test_template	3295 / 1	3295	6/17/2013	HP	accepted	6/17/2013	2.02	Yes

Rows Selected 1 | Menu Total CMDs found 8

The  or  button executes the roll up process and adds the supplier CMD(s)/EMD(s) to the user's company Declaration. Smelters and mines roll up is executed in the background. When complete, all smelters defined in the supplier CMD/EMD and for EMDs, all associated mines—are merged with those in the user's company's declaration. A combined list of smelters and mines used by your company and your accepted suppliers is generated and displayed under the top node of the tree (note: in EMDs, mines are displayed under their parent smelter). Any particular smelter or mine information from a specific source type will be displayed only once, but will be displayed more than once if from different source types, e.g. both known and alleged entities.

CMD Search **Details *** **Supplier data** **Recipient data** **CMD Request**

Legend    

CDX_CDX-ID_0_CMRT-6.22_20220705

- Gold (Au) - Aurubis AG - Germany
- Gold (Au) - Prioksky Plant of Non-Ferrous Metals - Russian Federation
- Tin (Sn) - CV Gita Pesona - Indonesia
- Tin (Sn) - Estanho de Rondonia S.A. - Brazil
- Tantalum (Ta) - Mitsui Mining and Smelting Co., Ltd. - Japan

Details

Common Information

Type Conflict Minerals Declaration

Template version 6.22

Declaration Scope A. Company

Description of Scope

ID / Version 264301 / 0.01

Node ID 264301

Supplier CDX Service Team (Germany)

Name CDX_CDX-ID_0_CMRT-6.22_20220705

Dates

Metals identification

Conflict Free Policy

Supplier CMDs

View Search for accepted CMDs View Delete Export

Name	Company Name	ID / Version	Node ID	Release Date	Template version
PL_PROD_CDX_T1	CDX Service Team (Germany) (...)	289982 / 1	289982	9/29/2024	6.4

CDX COMPLIANCE DATA EXCHANGE by DXC Technology

EMD Suche Einzelheiten Lieferantendaten Empfängerdaten EMD-Anfrage

Legende

CDX_CDX-ID_0_EMRT-2.1_20260128

- Kupfer (Cu) - Chuquicamata Refinery - Chile
- Copper (Cu) - Copper Pirdop - Bulgaria
- Kupfer (Cu) - Glencore Canada Corporation - CCR Refinery - Canada
- Copper (Cu) - Copper Pirdop - Bulgaria
- Lithium (Li) - Hunan Wuchuang Recycling Technology Co., Ltd. - China
- Lithium (Li) - Sofia Lithium - Bulgaria

Node-ID 45273
Lieferant Copper Pirdop
Minen ID CID812812881
Minen Mineral Kupfer (Cu)
Land Bulgaria

Daten

Zusätzliche Eingabe

Ansicht Hinzufügen Bearbeiten Löschen Exportieren

Eingabe vom	Minen ID	Source of Mine ID	Kontakt Name	Kontakt E-Mail	Vorgeschlagene nächste Schritte
CDX Service Team...	CID812812881	RMI			
CDX Service Team...	CID812812881	RMI			

Verborgene Spalten: 3 Anzahl der gefundenen Datensätze: 0

To view the details of supplier CMD/EMD included in your own Declaration, double click the supplier CMD/EMD item or use the **View** button within the **Supplier CMDs/EMDs** section. The details view of the preselected supplier Declaration is shown in a separate window.

CDX - Compliance Data Exchange

Supplier CMDs

Legend

PL_PROD_CDX_T1

- Gold (Au) - Aurubis AG - Germany
- Gold (Au) - Prioksky Plant of Non-Ferrous Metals - Russian Federation
- Tin (Sn) - CV Gita Pesona - Indonesia
- Tin (Sn) - Estanho de Rondonia S.A. - Brazil

Details

Common Information

Type Conflict Minerals Declaration
Template version 6.4
Declaration Scope A. Company
Description of Scope -
ID / Version 289982 / 1
Node ID 289982
Supplier CDX Service Team (Germany) (Supplier)
Name PL_PROD_CDX_T1

Dates

Creation date 9/29/2024
Release Date 9/29/2024
Check Date 9/29/2024

Metals identification

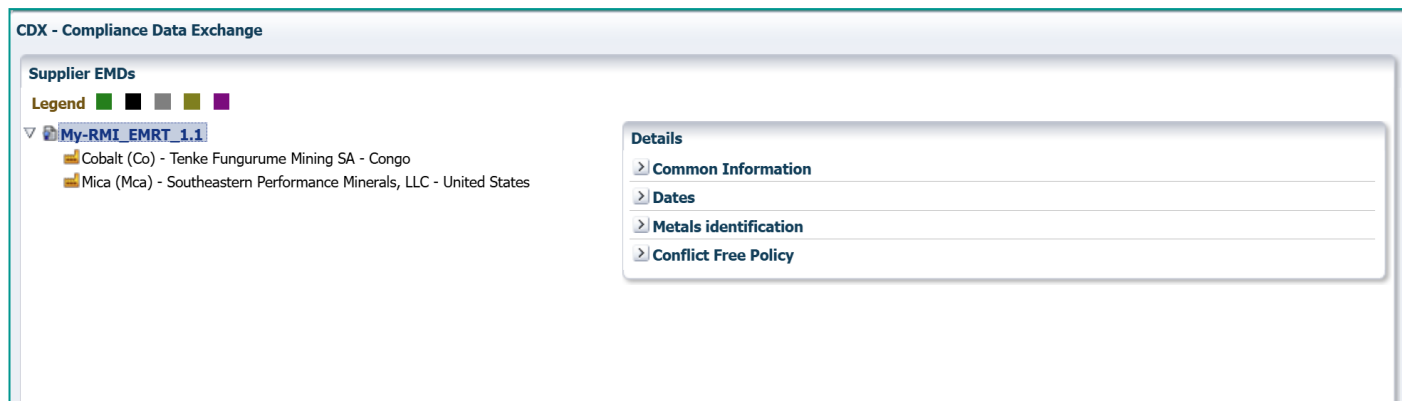
1. Is any 3TG intentionally added or used in the product(s) or in the production process?

No.	Metal	Answer	Comments
1	Tantalum	No	-
2	Tin	Yes	-
3	Gold	Yes	-
4	Tungsten	No	-

2. Does any 3TG remain in the product(s)?

No.	Metal	Answer	Comments
1	Tantalum	-	-
2	Tin	Yes	-
3	Gold	Yes	-

Previous Next Cancel



Clicking the **Previous** or **Next** button within the supplier detail displays the previous or next supplier included in the roll up.

Note: To protect supply chain information, the **Supplier CMDs/EMDs** section is not available in supplier detail view.

For supplier CMDs/EMDs in version 3 or higher included in your own CMD/EMD most of the given answers regarding “Metals Identification” and “Conflict Free Policy” questions will be aggregated and filled automatically in the respective fields. The aggregated answers can be displayed and you can choose to use these answers in your Declaration or change a value manually when necessary. The aggregation of answers from a supplier and the available response statistic has been already described in chapter “New RMD > Supplier RMDs”.

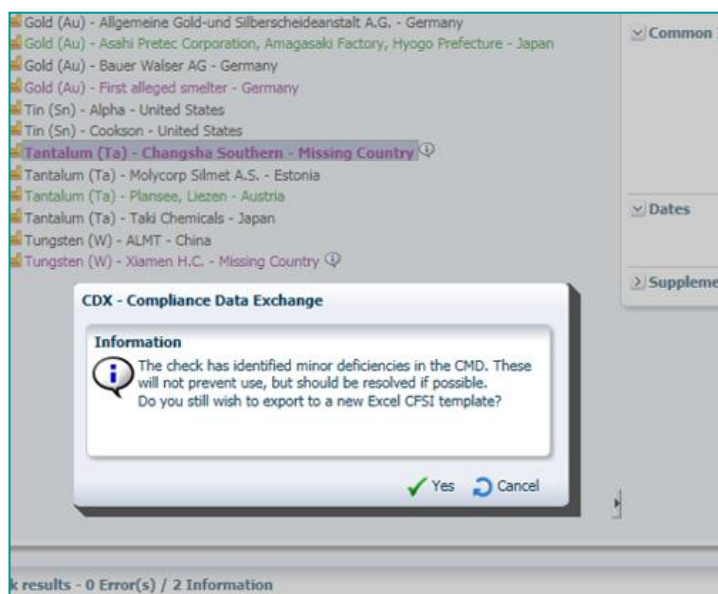
To remove a supplier CMD/EMD and their smelters and mines (for EMDs) from an owned CMD/EMD, select the supplier CMD in the **Supplier CMDs/EMDs** section and click . Only single selection is available for removal by design. You have to state, if you want to keep all smelters and mines of the deleted supplier Declaration in your own created CMD/EMD.

If a smelter or mine is identified more than once in a roll up and a supplier which included the smelter is removed, the smelter or mine will remain in the roll up unless and until all CMDs/EMDs which included the smelter or mine are removed.

Export a RMDs

This function requires a valid CMD Manager license. Your Company Administrator can order such a license in the Administration > CDX Licenses menu. To export a CMD and an EMD, display the CMD/EMD detail view and click the button above the CMD/EMD Tree top node.

As with the import process, a validation check will be executed in the background against the content of the CMD/EMD during the export process. Any errors will be displayed in the check result table at the bottom of the CMD/EMD detail view, and the export process will be stopped for correction.



If the Declaration has no errors or you confirm the above shown message about minor deficiencies, which will not prevent the export with “Yes”, you will see the following additional dialogue, where you can select data export options to avoid duplicate smelter rows and sort the smelters in your MS Excel file:

You can choose:

- **Export all** – All available data is exported. If a Smelter or Mine has multiple entries of supplemental input, the export will generate a separate row for each entry.
 - **Example:** If "Mine A" is attached to a smelter and has two different supplemental inputs, the Excel sheet will display two rows for Mine A, each showing the respective supplemental data.
- **Hide duplicate data:** Works exactly like "Export all," but redundant rows are hidden in the Excel file. This allows you to keep all data in the file while maintaining a cleaner view.
- **Export unique:** Consolidates the list so that each entity appears exactly once per relationship.
 - **For Smelters:** Each Smelter appears as a single row.
 - **For Mines (EMRT):** Each specific Smelter-Mine pair appears as exactly one row, regardless of how many supplemental inputs exist.
 - **Note:** In this mode, only standard RMI-defined information is exported; additional supplemental inputs causing duplicates are ignored.
- **Sort by:** Determines the sorting order in the Excel sheet (by Metal or Name). Default is Metal.

These Export options are available for CMRT version 4.x and higher. Previous versions can only be exported with the “Export all” option.

With click on OK, the CMD/EMD will be prepared for export to a CMRT/EMRT file and the generated CMD can be opened or saved.

RMDs REQUEST

Similar to the MDS Request function, you can send a CMD and an EMD Request to your supplier – either to a company registered in CDX or to companies not already registered. However, prior to using it, you must work with your suppliers outside of CDX and agree that you are going to use CDX to communicate requirements. You will need to know in detail to which company to send the Requests.

Parts of a Request

A Request tells a supplier what CMD/EMD the Requester expects to receive.

The Request consists of the following:

- Set of mandatory CMD/EMD attributes (base and recipient specific data)
- Administrative data, which is Request-specific

In the request, the Requester indicates what data they are expecting. Only the Due Date and the Part/Item Number (when you request on Product Level) are required. All other information is optional.

The Supplier Codes (Company and Admin Supplier Code) and the Part/Item Number are **CMD/EMD Recipient Specific Attributes** and associated with the Recipient Data tab on the CMD/EMD.

Please do not put guidance information in the Attributes when creating a request. Requested values of attributes are automatically inserted into the assigned CMD/EMD data fields and cannot be overwritten. If they are empty, suppliers have the option to enter their own values.

Administrative Data

Administrative data refers directly to the Request. This is data the Requester (CMD/EMD Recipient) uses to manage the requests in their company such as the following:

- Project, which is used to group requests. Projects are created by Company Administrators and are valid companywide (in the CMD/EMD Requester's company).
- Company / Org-Unit ID and Contact person of CMD/EMD Requester
- Supplier Codes (Company Supplier Code and Admin Supplier Code)
- Deadline Date, which is the deadline the Requester expects to receive the requested data

RMDs Request Statuses

The Request status describes one of the following:

- A new Request (status "new")
- The request is sent to a RMD Supplier (status "sent" for the Requestor, "received" for the RMD Supplier)
- The RMD Requester answers a question and sends Request (status "sent", "received" for RMD Supplier)
- The RMD Supplier has assigned a RMD but not sent it yet (status "attached")
- The RMD was sent (status "waiting for acceptance")
- The RMD has been accepted (status "completed")
- The Request receiver (RMD Supplier) rejected the request (status "rejected")
- The Request was cancelled (status "deleted")
- The due date of a Request has passed ("expired").

The RMD Requestor can also change the status of a RMD Request, either by using the Context Menu (right mouse-click > Delete) in the Request search or by using the Delete function in the CMD/EMD menu in the CMD/EMD Request details.

Creating Requests

If you use Projects, the first step is to create the project. For the purposes of this section, we will assume that either you are not currently using Projects (which is optional) or that your Projects are already created.

Requests can be created by any User profile except Read-Only. You have two options to create requests:

- Create a single CMD/EMD request by using the CMD/EMD menu > New CMD/EMD Request or
- Create multiple CMD/EMD requests by using the provided MS Excel Template and upload the file into CDX

The first option is described in the following section. A description for creating multiple requests with the MS Excel

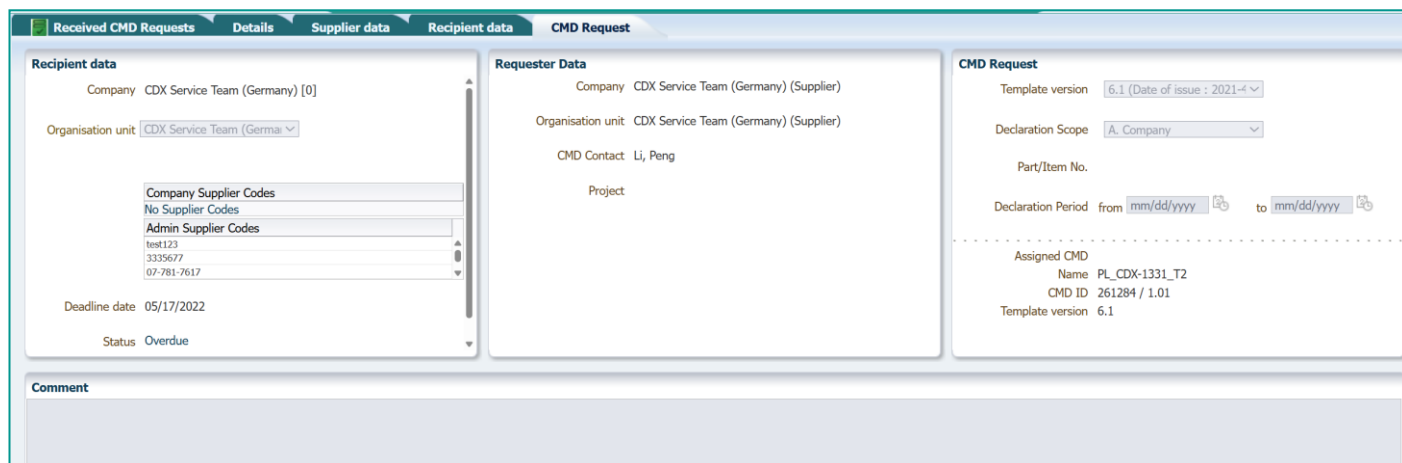
file can you find in chapter “Outbox”, because it is only relevant for own requests.

The Request attributes are as follows:

Field	Description
Recipient Data	
Company	The supplier who will receive this request.
Company Supplier Code	You may enter one or more specific Supplier Code(s). The supplier will not be able to change the code(s).
Admin Supplier Code	When selecting a CDX listed supplier with pre-defined supplier code(s) (done by the Company Administrator in the Administration > Company menu), the pre-defined Supplier Codes will be loaded here as “Admin Supplier Code”.
Deadline Date	The date the response is due. This is a required field.
Status	Request Status
ID	System generated – CMD/EMD Request ID
Requester Data	
Company	System generated – CDX name of company generating the request and where the supplier will send the response to the request.
Organisation Unit	Drop down list of possible Organisation Units to receive response.
CMD Contact	System generated from User ID of person creating request.
Project	Project name the Request is assigned to.
Request	
Template Version	Drop down list of possible Template Versions the Declaration should be based on.
Declaration Scope	Drop down list of possible Declaration Scope the Declaration should cover.
Part/Item Number	For a declaration on Product Level the Part/Item Number is a required field. You may also enter a value (one or more Part/Item numbers) or import multiple numbers from a text file (Browse). The supplier will not be able to change the code.
Declaration Period from ... to ...	You may enter a value to request the Declaration for a specific Period.
Comment	Here you can enter additional information for your supplier, what information you expect or how to answer the request.

Selecting the Recipient Company

You can search for a company registered in CDX by using the company search function  or you can send your request to a company not already registered in CDX. When you activate the field “not registered in CDX”, additional fields appear in the lower area:



The screenshot shows the CDX Request form with the following sections:

- Recipient data:**
 - Company: CDX Service Team (Germany) [0]
 - Organisation unit: CDX Service Team (Germany) [v]
 - Company Supplier Codes: No Supplier Codes
 - Admin Supplier Codes: test123, 3335677, 07-781-7617
 - Deadline date: 05/17/2022
 - Status: Overdue
- Requester Data:**
 - Company: CDX Service Team (Germany) (Supplier)
 - Organisation unit: CDX Service Team (Germany) (Supplier)
 - CMD Contact: Li, Peng
 - Project:
- CMD Request:**
 - Template version: 6.1 (Date of issue: 2021-4)
 - Declaration Scope: A. Company
 - Part/Item No.:
 - Declaration Period: from mm/dd/yyyy to mm/dd/yyyy
 - Assigned CMD:
 - Name: PL_CDX-1331_T2
 - CMD ID: 261284 / 1.01
 - Template version: 6.1
- Comment:**

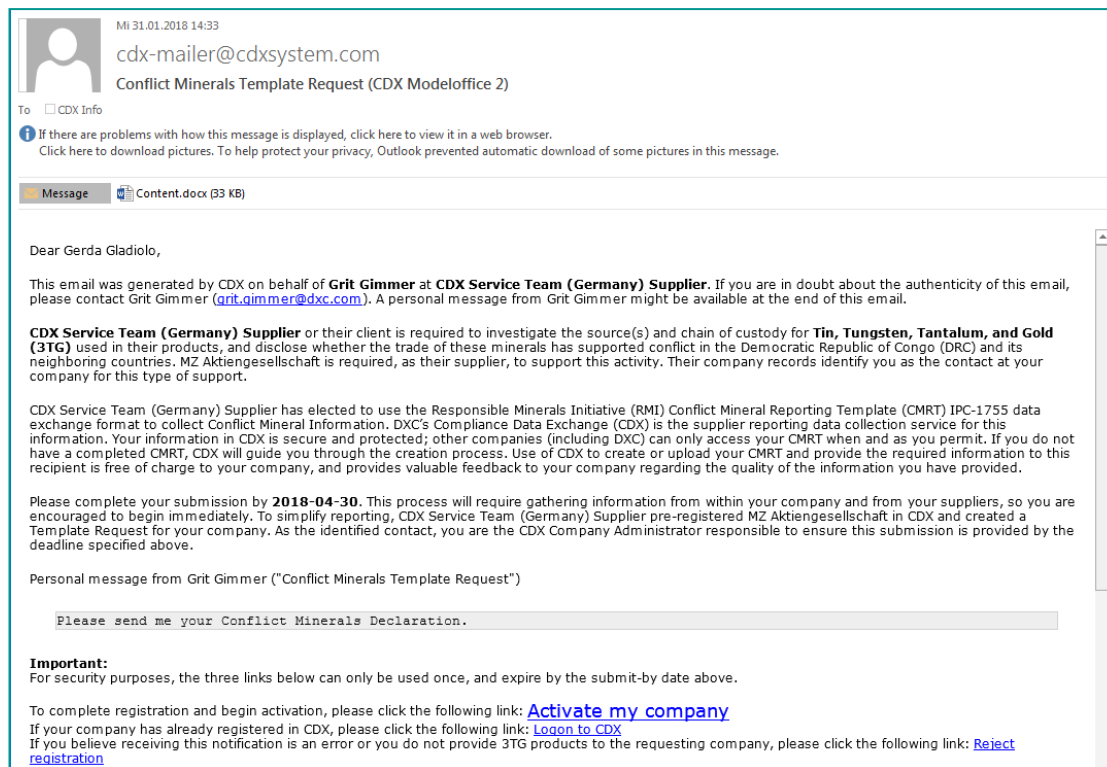
Own EMD Requests	Details	Supplier data	Recipient data	EMD Request *
Recipient data Company * ☐ Not registered in CDX Deadline date 12/17/2025 * Status new		Requester Data Company CDX Service Team (Germany) Organisation unit CDX Service Team (Germa... EMD Contact Kotkowska, Monika Project		EMD Request Template version 1.3 (Date of issue : 2024-4-... Declaration Scope A. Company Part/Item No. Choose File No file chosen Part/Item No. No number assigned Declaration Period from mm/dd/yyyy to mm/dd/yyyy

Company Data Company Name * Street Zip or Postal Code City State / Province Mailbox DUNS Number Country Germany *	
Company Administrator Last Name * First Name * Telephone no. * E-Mail address * Repeat e-mail address *	

Please fill in the required information for the company you want to send the CMD/EMD request (all fields with a red * are required). At the end of the window you can also include a specific note to the email that the system will send out. If your company has a valid CDX license, you can also add attachments. This could be very helpful information for your supplier, what information you expect or how to answer the request. The following file formats can be uploaded: xls, xlsx, doc, docx, pdf. Please use the Delete button to remove the attachment.

Email Text To E-mail Language English Cc Subject Conflict Minerals Template Request Browse... Send	
--	--

After saving and sending, the Company Administrator you entered will receive an email with an invitation to register in CDX and the relevant information to use the system:



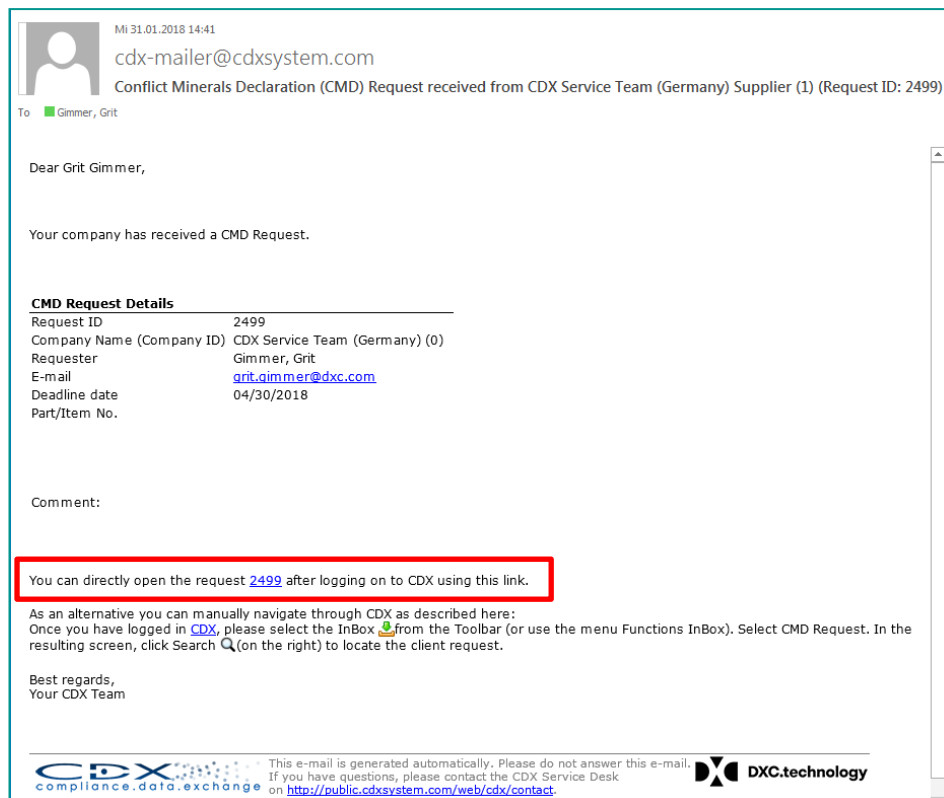
You will be notified by email as soon as the Company Administrator has activated this company registration. As long as the supplier company has not confirmed the registration, you are allowed to update and/or resend the registration request. This can be done in the request itself by using the “Send” button at the bottom of the screen.

Here is also the “Send History” available. By double-clicking on an entry in this table you can open the already sent registration request email:

Send History				
Subject	E-Mail address	Date Sent	Sent Status	Has Attachment
Conflict Minerals Template Request	aya-allah.tarif@dx.com	5/14/2018	SENT	No
Conflict Minerals Template Request	aya-allah.tarif@dx.com	5/14/2018	SENT	No

Send

When you send the Request to a company already registered in CDX, the company will receive the Request directly in CDX. All users in this company, who have subscribed to email notifications for “Conflict Minerals Declaration (CMD) Request received” or “Extended Minerals Declaration (EMD) Request received” will receive an email similar to the following:



With the provided link the Request recipient can open the request directly after login to CDX. Instead of the CDX main screen (MDS Search) the received CMD/EMD Request will be displayed.

If you send a Request to a CDX company without active users, you will receive an email notification that your request was not sent due to inactive user(s) in the Request recipient company. You will also be notified when the recipient company does not have a user who has subscribed to email notifications about received requests.

Bounced Registration Emails

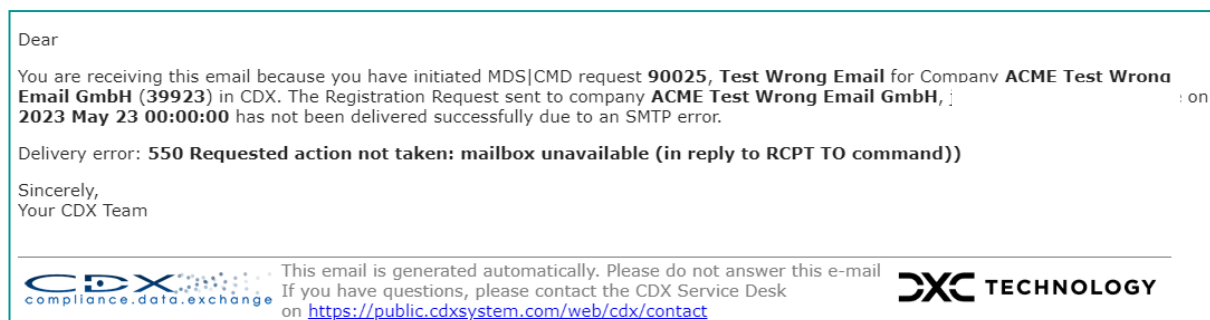
When opting to send your CMD request to a company that is not yet registered in CDX, a registration email will be dispatched to the provided email address for that specific company.

In the event that the registration email cannot be delivered to its intended recipient due to a technical delivery error, CDX will detect the error and promptly notify the requesting user.

Common delivery errors include "User unknown," which occurs when the email address used is no longer valid, or "mailbox full," indicating that the email address owner has exceeded their email quota.

Please be aware that CDX will not recognize or issue an alert if the recipient has set up an automated reply, such as an absence notification.

The notification regarding the undeliverable registration email will have a similar format as follows:



Please take note that there might be a significant delay (several days) between sending the CMD Request and receiving notification of an email delivery error. This is because, in some cases, email systems make multiple delivery attempts before assuming a permanent failure.

Adding Projects

Projects are grouping criteria for Requests and are valid company wide. Projects are created in the Administration Company. The project will be in the list at the bottom of the window. Click on it to highlight the project. You will be returned to your Request window.

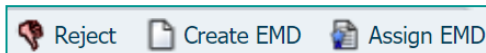
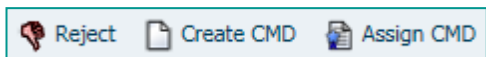
Sending the Request

After you finish entering all of the data, you can insert a comment for the Request recipient in the “Comment” field at the bottom of the screen. Then use the  icon on the toolbar and the system will perform a check. After the Request has been successfully saved, you will find a  Send icon on the lower right of the screen. You need to click on that to send your Request to your supplier. If you want to send a Request again to your supplier (because the due date passed or the supplier missed to activate his company) you are able to re-send it by using the  Send icon in the lower right of the CMD/EMD Request screen.

Rejecting a Request

Anyone who can create a Request or MDS/CMD/EMD can reject a Request. When a received Request cannot be handled by the CMD/EMD supplier, the supplier may reject it and add a comment. It will show the status **rejected** for the supplier and the requester. If the Request is rejected, a reject reason by the CMD/EMD supplier is mandatory.

When you are Viewing the Request, in the lower right of the screen you will see the following options.



To reject the Request, click on the Reject button and enter your reason for rejecting.

Responding to a Request

Assign Existing CMD/EMD to Request

There are two ways to respond to a request: create a new CMD/EMD or assign an existing CMD/EMD. You will only be able to attach an existing CMD/EMD that was created by your CDX Company.

In this case, we will be assigning an existing CMD/EMD. Here you also have two options to do this: either directly from the Inbox or in the Request itself.

You can mark one or more received Requests directly in the Request Inbox to launch the assign process with “Assign CMD”/ “Assign EMD” from the context menu or with the right mouse click:

Request ID	Requester [Company ID]	Requester CMD Contact	Deadline date	Status	Project	Template version	Declaration Scope
3494	TK Test Firma [1627]	Gimmer, Grit	06/07/2019	received		5.11	Company
3493	2012-11-19-Workshop [120]	 Assign CMD	06/07/2019	received		5.11	Company
3492	CDX Service Team (Germany) [0]	Gimmer, Grit	06/07/2019	received		5.11	Company

Please note, that the menu item “Assign CMD”/“Assign EMD” is only offered if the following conditions are met:

- All selected requests are assignable (~ in “received” / “overdue” state).
- All selected requests must share the same declaration scope and same template version.

When you click on the “Assign CMD”/“Assign EMD” the search window is opened, where you can search for and select the desired CMD. When you click on “Apply”, the Details tab is opened, the Requester is added as Recipient in the Recipient Data tab, and in the Request tab you see the Declaration is assigned to the request. You can now propose the CMD/EMD to the recipient.

To assign the existing CMD/EMD directly in the received Request you need to click on the “Assign CMD”/“Assign EMD” button at the bottom of the request window. The search window opens where you can search for a certain CMD/EMD.

With the buttons  Unassign CMD  Unassign EMD you can remove any assigned Declaration from the received request.

After assigning, you can Propose it to the requesting company, which is inserted automatically in the recipient data screen.

Create a RMD

Should you select   to Create CMD/EMD, you will see that the new CMD/EMD has been assigned to this request. The requested recipient data is inserted automatically. You need to create the Declaration as explained in previous sections. Once the CMD/EMD is completed, go to the Recipient Data Screen and supply any other information and then Propose to the Recipient in a normal fashion.

Completing the Request

By proposing the assigned CMD/EMD to the requester, the Request status changes to **waiting for acceptance**.

- If an assigned CMD/EMD is sent, a Request-specific test is done, regardless of whether all mandatory fields are filled.
- If the assigned CMD/EMD is rejected, the Request status changes back to **working**.
- If the assigned CMD/EMD is accepted, the Request status changes to **completed**.

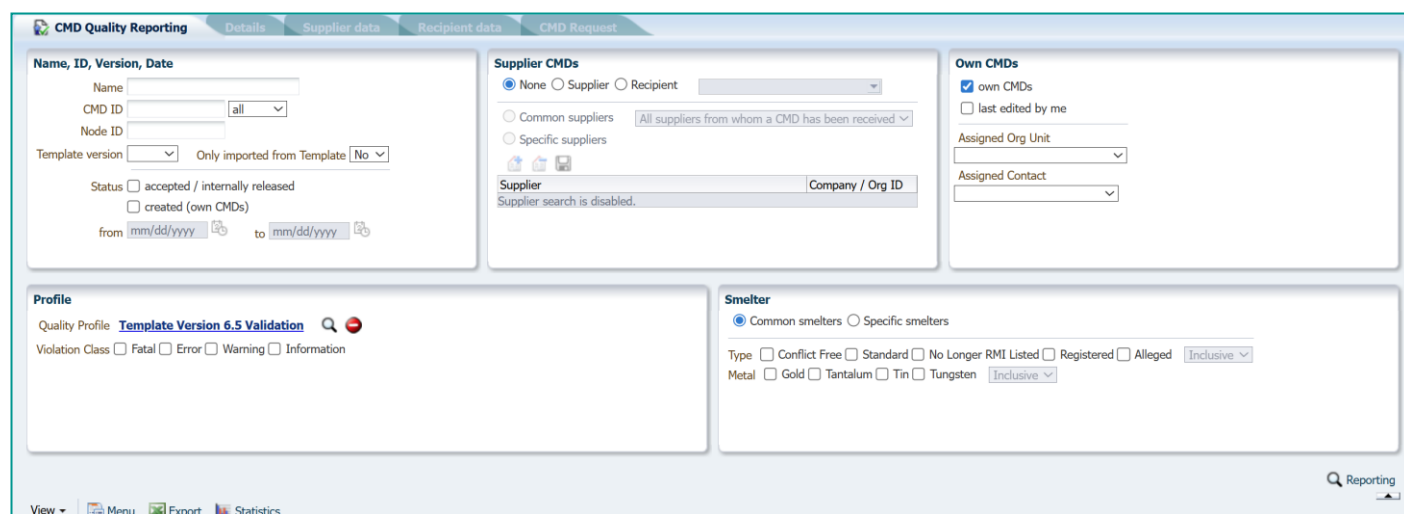
To complete an open CMD/EMD Request, the Requestor is also able to assign a received CMD/EMD or an imported CMD/EMD to a request and have the status updated accordingly.

DEFICIENCY REPORT

You are now able to receive, process and respond to supplier CMDs. However, the process to show “due diligence” as required under the SEC ruling also consists of assessing and scoring the responses provided by suppliers in the CMDs. Reporting companies must show improvement in the information they report in a positive feedback loop. The **Deficiency Report** function supports these efforts by providing email feedback to suppliers when the CMDs submitted do not meet your data quality expectations.

With the Deficiency Report function, every user can check the data quality of received CMDs and send an email with the results from the Deficiency Report to the CMD creator. To use the function properly, the CDX Company Administrator must define the check profile and prepare default messages in the email template which is used to send report results. This can be done in the Deficiency Report Manager, which is available in the Administration menu.

With those profiles, each user can perform the Deficiency Report to find missing information in every CMD and then send an email to the CMD provider to indicate the incorrect information.



The Deficiency Report uses nearly the same information as the Quality Reporting. The first part allows the user to select which Conflict Minerals Declarations should be included in the reporting. You can specify this by using the typical search parameters (such as CMD name, CMD-ID, template version).

In the second part of the Deficiency Report, select a quality profile, which is already defined by the Company Administrator in the Deficiency Report Manager. This will be executed against all result CMDs from the first part,

and allows filtering to continue for CMDs for which the check lead to fatals, errors, warnings, information or combinations of those.

As already known from the CMD Quality Reporting alongside the check results (such as fatal, error, etc.), a score and a percent value is determined for each result CMD and displayed in the result table. This score value indicates how well the CMD passed the checks contained in the profile.

Name	ID / Version	Node ID	Company Name	Status	Date	Recip State	Recip State Date	Template version	Is imported	Result Scoring	Result Scoring in %	Fatal	Error	Warning	Information
CVL Limited 3.01 CMD	21720 / 1	21720	CVL Limited	Internally released	12/2/2014	browsed	12/2/2014	3.01	Yes	2341	99.87	0	0	2	0
New CMD for Grit	11233 / 1	11233	CDX Service Team (Germany)	Internally released	11/20/2014	browsed	11/20/2014	3.01	No	2328	99.32	0	0	9	0
Test_GGI CMD	23991 / 1	23991	CDX Service Team (Germany)	Internally released	7/13/2015	browsed	7/13/2015	4.01	No	2342	99.91	0	0	1	0
CMD202	580 / 1	580	CDX Service Team (Germany)	Internally released	7/1/2013	accepted	7/1/2013	2.02	No	2023	86.31	3	0	10	0
Copy_CMD202	23998 / 1	23998	CDX Service Team (Germany)	Internally released	8/20/2015	accepted	8/20/2015	2.02	No	2323	99.1	0	0	10	0

With the “Statistics” button above the result table, you can see and print statistical graphs for all listed CMDs:



Create and Edit the Deficiency Report

You can open one or more CMD(s) from the result table to create, update and send the Deficiency Report(s). Please mark all relevant CMD(s) in the table (for multiple selection please press the control key) and double click (right mouse click for multiple selection) to create the report for the selected CMD(s). You will be asked to select the report language. You can also use the context menu to begin creation.

For our example, we marked three CMDs and created the Deficiency Report. In the “Edit” tab, all of them will be shown with the corresponding information:

CMD Quality Reporting

Report Details

Report Search

Report Settings

Send

Preview

Remove from view

CDX Service Team (Germany): 003-AMD-V4.2-A, 99.9

Details

Report

Report Name: CDX Service Team (Germany): 003-AMD-V4.2-A, 99.9

Report No.:

Report Language: English

Expected Response Date: 09/21/2025

Send Information

To: msalama@dxcc.com

Mail To Name: Tarif, Aya Allah

Reply To: monika.kotkowska@dxcc.com

Reply To Name: Kotkowska, Monika

Cc: aya-allah.tarif@hpe.com

Subject: Following place holders are allowed in subject line: {CMDName}, {RequesterCompanyName}, {SupplierCompanyName}.

CMRT Error Report

Introductory Header

Check results - 0 Fatal / 0 Error(s) / 3 Warning / 1 Information

Profile Name: Template Version 6.4 Validation

Profile ID: 383

Profile Description: Check Template in version 6.4

Profile Scoring Amount: 3010

Result Scoring: 3007

Result Scoring in %: 99.9

View

Menu

Export

Violation Class	Tab	Rule Name	Rule Type	Rule Group	Severity	Description	Custom Action
Details	Question 3 about ...	Pick List - Equals t...	Declaration Page p...	1	The source for the...		
Details	Question D about ...	Pick List - Equals t...	Declaration Page p...	1	Each supplier is re...		
Details	Question C about ...	Pick List - Equals t...	Declaration Page p...	1	Each supplier is re...		

When you go back to the results table and mark additional CMDs, they will be also included in this list on the left-

hand side. If you want to work with those results later, you should save the already created Deficiency Reports. Otherwise you will lose them when you perform another function.

Let's look at the right side of the screen, where the following details for the selected CMD are displayed:

Report

Report Name	System generated from the CMD Name – you can change this entry, if desired
Report No.	System generated number (not editable)
Report Language	Please select the report language here. The default entry can be set in the Deficiency Report Manager.
Expected response date	Please enter the date that you expect a response. The default entry is the report creation date, plus five days.

The screenshot shows the 'Report' section of the system interface. It includes a dropdown menu for 'Report' (currently set to 'Report'), a text field for 'Report Name' (containing 'CVL Limited: CVL Limited 3.01 CMD, 99.87'), a text field for 'Report No.' (empty), a dropdown menu for 'Report Language' (set to 'English'), and a date field for 'Expected response date' (set to '9/26/2015').

Send Information

All information in this section can be changed. Currently, inserted texts are system-generated and can be overwritten.

To	Generated from the CMD supplier data – email address of the CMD creator
Mail To Name	Generated from the CMD supplier data – name of the CMD creator
Reply To	Generated from your user ID – email address of the Deficiency Report creator
Reply To Name	Generated from your user ID – name of the Deficiency Report creator
Cc	Here you enter the email address to whom you want to send a report copy. A default entry for this field can be defined in the Deficiency Report Manager.
Subject	Here you insert a meaningful subject for the Deficiency Report email (mandatory field). You can use placeholders (e.g. CMD Name, Company Name) which will be filled in from the system. A default entry for this field is defined in the Deficiency Report Manager.

The screenshot shows the 'Send Information' section of the system interface. It includes a text field for 'To' (containing 'chuck.lepard@hp.com'), a text field for 'Mail To Name' (containing 'LePard, Chuck'), a text field for 'Reply To' (containing 'grit.gimmer@hp.com'), a text field for 'Reply To Name' (containing 'Gimmer, Grit'), a text field for 'Cc' (empty), and a text field for 'Subject' (containing 'Following place holders are allowed in subject line: {CMDName}, {RequesterCompanyName}, {SupplierCompanyName}').

Introductory Header

Based on the profile and the pre-defined send information, an email text is system-generated. This can be modified by the user to give the supplier as much information as possible, regarding what needs to be changed in the CMD to meet the quality requirements.

Here you insert a meaningful description for the Deficiency Report email. You can use placeholders (e.g. CMD Name, Company Name) which will be filled from the system. A default entry for this field can be defined in the Deficiency Report Manager.

Following place holders are allowed: {CMDName}, {RequesterCompanyName}, {SupplierCompanyName}, {DateSent}, {ReplyEmailAddress}, {ResponseDate}.

Displays information about the amount of FataIs, Errors, Warnings, Information found in the CMD using the mentioned Profile (Name, ID, Description). Violations against the used check profile are displayed in the results table with detailed information regarding Violation Class, Tab, Rule Name, Rule Type, Rule Group, Severity, Description, and Custom Action. With the corresponding Export button at the top of the table and a valid RMD Manager License you can export the Check Results into an MS Excel file.

Profile Name
Template Version 4.01a Validation

Profile ID
223

Profile Description
Check Template in version 4.01a

View
Menu
Export

Violation Class	Tab	Rule Name	Rule Type	Rule Group	Severity	Description	Custom Action
2	Details	Question 3 about...	Pick List - Equals t...	Declaration Page...	2	As a supplier to a...	
1	Details	Question 5 about...	Pick List - Equals t...	Declaration Page...	1	Please work to ide...	

The field “Custom Action” is editable. Here you can insert the corrective steps to be done by your supplier. A double click in the respective field opens a separate window, where you can “add” one or more actions to every violated rule:

To choose the custom actions, select a detail item below.

Question 5 about metal tantalum not "no" ▼

Assign custom actions **Edit**

View ▼  Menu  Export

Action Name	only valid for selected rule	Description
No data to display.		

+

 Add  Save  Cancel

Please select the “Edit” tab and click on “Add”. Select a detail item from the drop down list and enter a description. You can choose whether the action is “only valid for selected rule.” Please **Save** your entries. These created entries are now “available actions” in the “Assign custom actions” tab, and you can add one or more available actions to the “selected actions” area to Assign custom actions (by clicking  [Apply](#)) to your check results table.

Footer Text

Please insert additional information, which will be placed at the end of the Deficiency Report email. You can use placeholders (e.g. CMD Name, Company Name) which will be filled from the system. A default entry for this field is defined in the Deficiency Report Manager.

Attachment

Please "Browse" to attach documents to your Deficiency Report email. All attached documents will be listed here with their Filename, Upload Date and Filesize. The following file formats can be uploaded: xls, xlsx, doc, docx, pdf. You can upload up to 11 documents. Please use the Remove button to remove attachments.

Send History

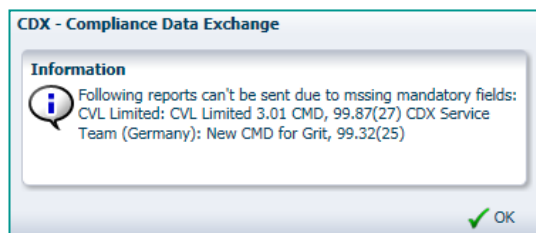
Information about sent Deficiency Report emails with details about Date, To and Cc sent are only available for report emails that have already been sent.

You can preview the generated report using the PREVIEW button above the CMD report list (left side). You can also remove one or more reports from your view.

When all mandatory information (marked with an asterisk *****) has been entered and the Deficiency Report has been saved, the SEND button is available:

Multiple selection is possible and you can send all marked Deficiency Reports using the button above or the

context menu of the result table. If a report cannot be sent due to missing information in a mandatory field, you will see the following error message:



Please enter the missing information and try sending it again.

Report Search

You can search for all created and saved reports, as well as already sent Deficiency Reports in the “Report Search” Tab:

Report No.	Report Name	Profile	Cmd Name	ID / Version	Node ID	Supplier	last sent date	To	has file(s) att.
903	CDX Service Team (Germany): AT-Test...	Template Version 6.1 Validation	AT-Test-SuppCode	198559 / 0.01	198559	CDX Service Team...	August 20, 2021 7...	peng.li3@dxs.com	☐
561	CDX Service Team (Germany): MyRM16...	Template Version 6.01 Validation	MyRM1601	218773 / 1	218773	CDX Service Team...		peng.li3@dxs.com	☐
501	CDX Service Team (Germany): PL_CMR...	Template Version 5.10 Validation	PL_CMR1_510	158293 / 0.01	158293	CDX Service Team...	January 10, 2018 ...	peng.li3@dxs.com	☐
401	CDX Service Team (Germany): CMDMof...	Template Version 5.01 Validation	CMDMof2	122929 / 0.01	122929	CDX Service Team...		noha.salawy@hpe.com	☐
143	CDX Service Team (Germany): 003-AM...	Template Version 5.01 Validation	003-AMD-V4.2-A	146510 / 0.01	146510	CDX Service Team...		aya-allah.tarif@hpe.com	☐
123	CDX Service Team (Germany): CMD401...	Template Version 5.01 Validation	CMD401b - Rollup, huge	77915 / 1	77915	CDX Service Team...		peng.li3@dxs.com	☐
2	CDX Service Team (Germany): HP Prod...	Template Version 4.01b Validation	HP Prod Test	44238 / 0.01	44238	CDX Service Team...	November 26, 201...	peng.li3@hpe.com	☐
1	Acton Technology Corporation: Acton...	Template Version 4.01b Validation	Acton-5-Jun-2013	61026 / 1	61026			xx.xx@xx.xx	☐

You can use several parameters to refine your search. The result table displays an overview for all reports in the marked status (new and/or sent) with Report Number, Report Name, Used Profile, CMD ID / Version, Last sent date, Sent to email, Attachment, Scoring amount (also in %), and Amounts of Fatal/Error/Warnings. All reports can be sent (again) using the context menu:

Report No.	Report Name	Profile	CMD ID / Version	last sent date	To	Scoring amount	%	Fatal/Error/Warning
41	CDX Service Team (German...	Template Version 4.01a Validation	0 / 1		islam.al-nahrawy@hp.com	2323	99.1	0/0/10
27	CVL Limited: CVL Limited 3...	Template Version 4.01a Validation	0 / 1		chuck.lepard@hp.com	2341	99.87	0/0/2
26	CDX Service Team (German...	Template Version 4.01a Valic...	0 / 1	09/21/2015	use2@sub2.com	2342	99.91	0/0/1
25	CDX Service Team (German...	Template Version 4.01a Valic...	0 / 1		xinfeng.chen@hp.com	2328	99.32	0/0/9
22	CVL Limited: CVL Limited 3...	Template Version 4.01a Valic...	0 / 1		chuck.lepard@hp.com	2341	99.87	0/0/2
21	CDX Service Team (German...	Template Version 4.01a Valic...	0 / 1		use2@sub2.com	2342	99.91	0/0/1

Report Settings

To preview the settings selected by your Company Administrator, please go to the “Report Settings” Tab. The displayed information is not editable here. To change the settings, the Company Administrator has to use the Administration > Deficiency Report Manager menu.

OUTBOX

The Outbox (📁) is where you can track the MDSs, CMDs and EMDs that you have sent to recipients and their status as well as all own MDS, CMD and EMD Requests – depending on the selected view you’ll see either MDS and MDS Requests, CMD and CMD Requests or EMD and EMD Requests in your Outbox.

For own MDS, CMD and EMD Requests, you can also download a template (xls format) in the respective screen, which allows you to create multiple requests outside of CDX. You can incorporate extracted data from your ERP, Supplier Management or any other inhouse system, and then upload the filled template into CDX. With this

function, you have the option to bulk send MDS, RMD requests to multiple suppliers simultaneously.

The search parameters and the search result table are combined in one screen for each of the selectable type. This screen is divided into a top area and a bottom area. The top area is used to show the search parameters and the bottom area is responsible for display the search result table.

Search Parameters

The following table gives a description of the Search Parameters:

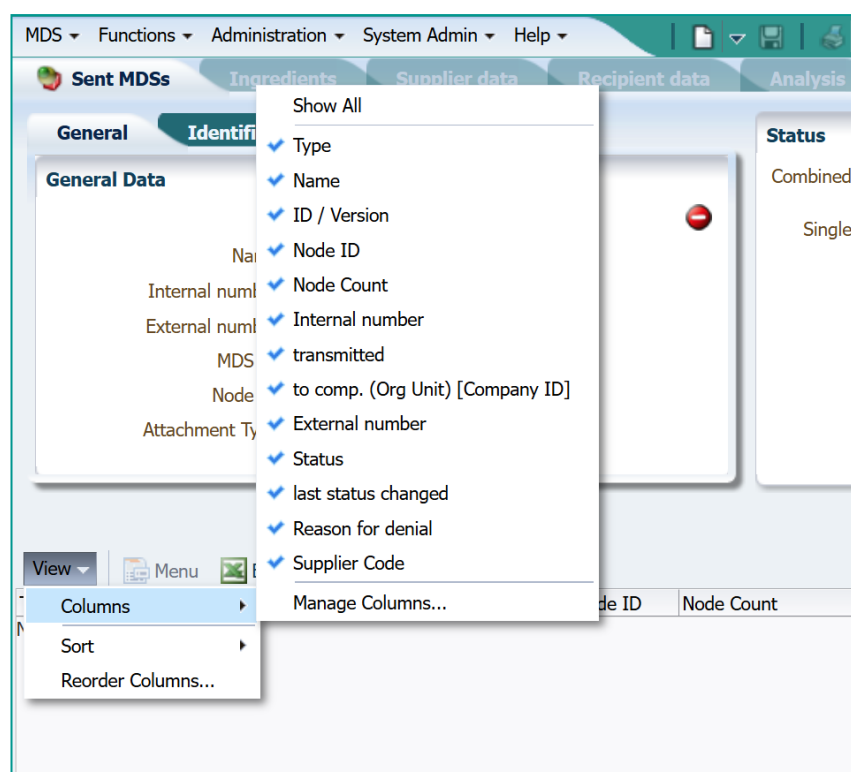
Field	Description
Sent MDSs / CMDs/EMDs	
Name	MDS / CMD /EMD name or description
Internal Number	Item/Material number – from your Ingredients page – NOT the Recipient Data page
External / Part/Item Number	Part/Item number – from your Recipient Data page
MDS ID / RMD ID / Version	MDS ID / CMD ID / EMD ID Do you want to limit the results to only the Current Version or All versions
Node ID	System Generated – This refers to the actual location in the database where information about this MDS / CMD /EMD is stored. For the 0.01 version of the MDS / CMD /EMD, it will be the same as the ID
Node Count	Node count indicates the number of component, material, and substance nodes within the MDS structure
Attachment Type	User can search MDS top nodes by any attachment type. CDX provides MDS results for the selected attachment type
Template Version	Search CMDs/EMDs with specified template version, only available for CMD/EMD search
Declaration Scope	Search CMDs/EMDs with a certain Declaration Scope – use the drop down menu to select one of the following Declaration Scopes: Company, Product (or list of products), User defined. Only available for CMD and EMD search
Supplier Code	Search MDSs / CMDs/EMDs with a certain Supplier Code. You may also use the asterisk (*) to perform a wild card search.
Date Transmitted	Search by date range of transmission to recipient
Date Last Status Change	Search by date range of last status change
Combined / All	Find those transmitted in any status (default is “all” – to unmark all and select one or more status please click on “none”)
Combined / Open MDSs / Open CMDs / Open EMDs	Find those transmitted and are “Open” MDSs / CMDs/EMDs (anything but cancelled by sender and accepted)
Status: not yet browsed	Find those transmitted where the recipient has not looked at.
Status: browsed	Find those transmitted where the recipient has looked at but not made a decision on
Status: accepted	Find those transmitted where the recipient has accepted
Status: rejected	Find those transmitted that the recipient has rejected
Status: modified	Find those that are back in your company’s control for editing/corrections
Status: cancelled by sender	Find those that you have either deleted or deleted the recipient
Status: deactivated by recipient	Find those that have been deactivated by the recipient.
Only Forwarded	Limit your search to those that are forwarded copies
Org Unit	Find those sent to a specific Org Unit (your ID must be assigned to that Org Unit)
Enable Search by Recipient	Check this box if you want to look by a specific recipient

Field	Description
Recipient	List of recipients that you wish to find results for (this box will be greyed out until you check the box Enable Search by Recipient)
Include all Org Units	Find MDSs / CMDs/EMDs transmitted to the recipient companies regardless of Org Unit
Own MDS Requests	
Request ID	MDS Request ID – system generated
Request Group ID	Group ID – system generated. Imported requests from one file would share the same ID.
Only imported from Template	Search sent MDS requests which were imported from MDS bulk request Excel sheet
Type	Type of MDS – Component, Semicomponent or Material
Project	Project name/number the Request is assigned to
Deadline date from – to	You may search on deadline dates. If so, "from" would be the earliest you would want to look at, and "to" is the last date in the window you want to return from.
Status	You may filter on the status of the request (new, sent, awaiting acceptance, completed, rejected). Only one status may be selected per search. Check the "open requests" box if you want to return all requests that have not been closed or cancelled.
Enable Search by Company	Check this box if you want to perform your search by customer.
Recipient	List of recipients that you wish to find results for (this box will be greyed out until you check the box Enable Search by Recipient).
Requester	Please select an Org.-Unit to search for all Requests from this Org.-Unit.
Supplier registration open	Check this box if you want to search also for recipient companies, which have not yet activated their company registration. The search is limited to those companies pre-registered by a request from your company.
Company without active user	Companies Without Active Users Filter allow to identify recipient companies or their sub-organizations (sub-orgs) that lack active users. A company is considered without active users if it has no active users or if all active users have authorization profiles limited to REST_API or REST_API_OAUTH. The filter also applies to sub-organizations. A request sent to a sub-org without active users will match this filter even if the parent company has active users.
Supplier Code	Search sent MDS requests with a certain Supplier Code. You may also use the asterisk (*) to perform a wildcard search.
Assigned MDS / Name / Number	Find your own Requests a certain MDS has been assigned to – by MDS selection, name or number.
Statistics	Shows the amount of all owned and received MDS Requests in the respective status.
Download Template	Here you can download the xls template to create an MDS bulk request file.
Import	Here you can import your filled MDS bulk request file to create mass-requests.
Export	Creates an Excel file (.xlsx) with your selected MDS data. You can export up to 500 MDSs at once.
Export as CSV file (.csv)	Generates a CSV file (.csv) containing your selected MDS data. There is no limit to the number of MDSs you can export.
Own CMD/EMD Requests	
Request ID	CMD /EMD Request ID – system generated
Request Group ID	Group ID – system generated. Imported requests from one file would share the same ID.
Only imported from Template	Search sent CMD/EMD requests which were imported from CMD/EMD bulk request Excel sheet
Project	Project name/number to which the Request is assigned
Enable Search by Recipient	Check this box if you want to perform your search by customer.
Recipient	List of recipients that you wish to find results for (this box will be greyed out until you check the box Enable Search by Recipient).
Supplier Code	Search sent CMD/EMD Requests with a certain Supplier Code.

Field	Description
Requester	Search for CMD/EMD Requests sent from different Org Units within your Company.
Deadline date from – to	You may search on deadline dates. If so, "from" would be the earliest you would want to look at, and "to" is the last date in the window from which you want returns.
Status	You may filter on the status of the request (new, sent, awaiting acceptance, completed, rejected). Only one status may be selected per search. Check the "open requests" box if you want to return all requests that have not been closed or cancelled.
Supplier registration open	Check this box if you want to search also for requests sent to companies, which have not yet activated their company registration. The search is limited to those requests sent to companies pre-registered by a request from your company.
CMD/EMD Template Version	You may search for all CMD/EMD Requests you sent out for a certain Template Version.
Declaration Scope	You may search for all CMD/EMD Requests you sent out for a certain Declaration Scope.
Product / Item Number	You may search for all CMD/EMD Requests you sent out for a certain Product or Item Number.
Assigned CMD/EMD	Search for all CMD/EMD Requests you sent out and received a certain CMD /EMD assigned to it.
Name	Search for all CMD/EMD Requests you sent out and received a certain CMD/EMD with this Name.
Node ID	Search for all CMD/EMD Requests you sent out and received a certain CMD/EMD with this Node ID.
Download Template	Here you can download the xls template to create a CMD/EMD bulk request file.
Import	Here you can import your filled CMD/EMD bulk request file to create mass-requests.

For selecting the Supplier / Recipients, a modal dialog appears, displaying the Company / Org.-Unit Search panel.

You can turn off columns in the display and reorder the columns by using options in the View menu. To access any of the items, double click and you will be brought to the Ingredients tab of the submission.



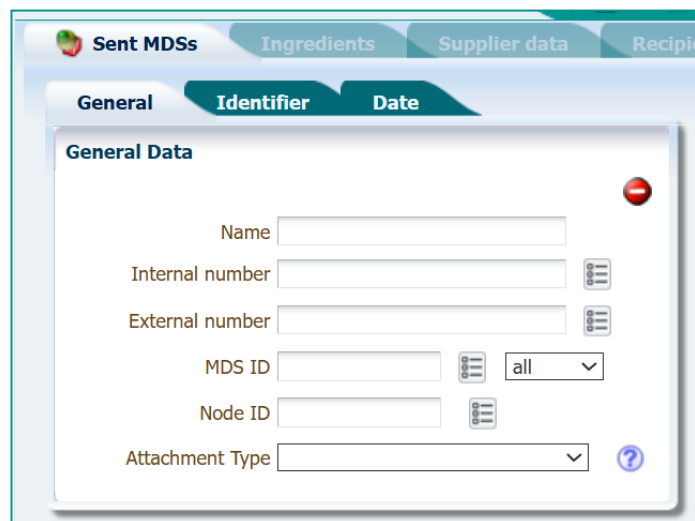
You can export the results to MS Excel

by using the  **Export** command if your company has a valid MDS / CMD /EMD Manager License, which the Company Administrator can order in the Administration > CDX Licenses menu.

Using Multi-Search to Track Sent Declarations

You can use multi-search  to find multiple MDSs or components at once by uploading or pasting a list of internal numbers, external numbers, MDS IDs, or Node IDs. This simplifies tracking multiple declarations sent to different recipients.

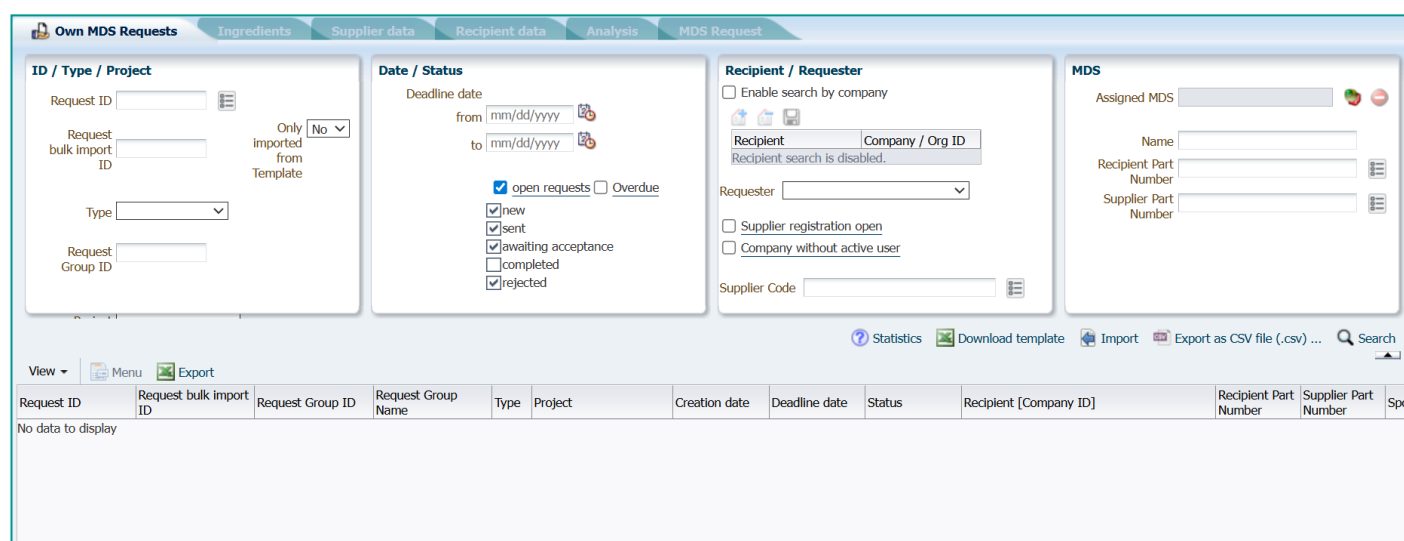
For detailed instructions, see [Multi-Search Upload Feature](#).



Bulk Send for RMD and MDS Requests

The bulk request option enhances the existing request capability by enabling you to send MDS requests as well as RMD (CMD and EMD) requests to multiple suppliers simultaneously. It is available in the MDS Request Outbox respectively in the RMD Request Outbox (because this function is only related to own MDS, CMD or EMD requests) as well as in the MDS, CMD or EMD menu > Import, when you are working in the Outbox. If it is not specifically mentioned, the processes are the same for bulk send of CMD, EMD and MDS requests. The description below shows the CMD request options.

In the respective Outbox Search screen you can download a template (xls format), where you can list all your MDS, CMD or EMD requests offline. You can also extract data from your ERP, Supplier Management or any other in-house system to incorporate already available information in your request file, which you can import into CDX once it is prepared.



The screenshot shows the 'Own CMD Requests' interface with the following sections:

- Recipient / Requester:** Includes fields for Request ID, Request bulk import ID, Project, Recipient (with a disabled search), Supplier Code, and Requester.
- Date / Status:** Includes Deadline date (from/to), Status (open requests, Overdue, new, sent, awaiting acceptance, completed, rejected), and Supplier registration open.
- Conflict Minerals Declaration:** Includes Template version, Declaration Scope (A. Company, B. Product, C. User defined), Product/Item Number, Assigned CMD, Name, and Node ID.
- Table:** A table with columns: Request ID, Request bulk import ID, Recipient [Company ID], Recipient CMD Contact, Requester [Company ID], Creation date, Deadline date, Status, Project, and Supplier Code. It shows 'No data to display'.

Please use the button **Download template** to receive available master request template files downloaded from CDX. By clicking this button, all available master request template files would be shown in a separate dialog. There is currently only one master template file available for download (topical means the corresponding template is most currently used).

By clicking the link in the “Name” column, the corresponding master template file will be downloaded and you can save it on your computer to create your own bulk requests.

This screenshot is identical to the one above, showing the 'Own CMD Requests' interface with the same sections and table.

The “Import” button () in the Outbox Search screen and in the CMD/EMD menu is used to import the (offline) prepared CMD/MDS/EMD requests included in the downloaded request template file. By clicking this button, you have to choose the file to be imported in a separate dialog. The handling is the same as with the CMD Import.

The screenshot shows the 'CDX - Compliance Data Exchange' dialog with the following elements:

- Title:** CDX - Compliance Data Exchange
- Section:** Create request from file
- Text:** Choose Request template
- Field:** A text input field with a 'Browse...' button next to it.
- Buttons:** OK and Cancel buttons at the bottom right.

By selecting the template file to import and clicking the “Ok”-button, all requests defined in the template will be imported. Once the import process is finished, a separate summary dialog with detailed information about the import process will be shown:

CDX - Compliance Data Exchange

3 requests were found in the template file 'CmdRequestBulkTemplate.xlsx'.
3 requests were successful imported. 0 requests were failed by import.

View  Export

Type	Sheet Name	Data Name	Row	Column	Message	Proposed solution
	DATA	COUNTRY	4	P	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	LAST NAME	4	T	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	FIRST NAME	4	U	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	TELEPHONE	4	V	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	COUNTRY	5	P	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	LAST NAME	5	T	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	FIRST NAME	5	U	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	TELEPHONE	5	V	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	DECLARATION SCOPE	6	E	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	COUNTRY	6	P	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	LAST NAME	6	T	Value is missing in this mandatory field.	Please provide answer in e...
	DATA	FIRST NAME	6	U	Value is missing in this mandatory field.	Please provide answer in e...

Total records found: 13

View  Export

Row	Is imported	Request ID	Request Group ID	Message
4	Yes	129	208	-

 OK

As the import process consists of two sub processes (parse the template file and persist the imported requests), the first table in the summary dialog shows the parsing result of the template file. The second table shows the result of the request persisting process. If a request is successfully imported, it would get a unique Request ID and a Request Group ID, if a request could not be persisted for any reason, none Request or Request Group ID would be given and the failure cause as well as a proposed solution would be shown in the table for the related row given in the template file.

The results shown in both tables could be exported to excel file by clicking the related  Export button above the corresponding table. Clicking OK brings you back to the Outbox Search screen, and the imported requests will be shown in the result table below:

CDX - Compliance Data Exchange

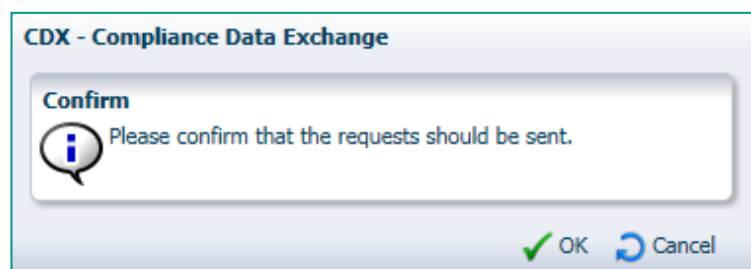
Export Request Template

ID	Name	Version	Date of issue	Type	current	Deactivated
202	CmdRequestBulkTemplate.xlsx	1.1	5/5/2025	CMD Request	Yes	No

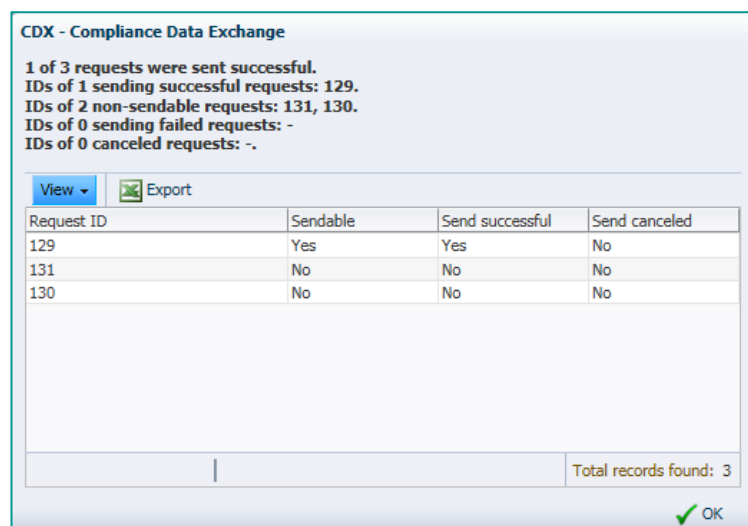
 Cancel

All imported requests from one file will share the same “Request Group ID”. The Group ID is used to describe all related requests that belong to the same imported request template. It can be used later to find all related imported requests. All requests defined in the template will be imported. If any information in a request is missing, you can edit the respective request by double clicking on the request, which opens the request details.

The Outbox Search screen is also used to bulk send a set of requests: Select multiple requests in the CMD/MDS/EMD request outbox, right-click to open the context menu item and then “Send”. The “Send” menu item in the context menu is available only if at least one selected request is sendable. If all preselected requests are not sendable, the “Send” menu item would be disabled. By clicking the “Send” menu item, all preselected requests would be sent. If user confirmations are needed before requests can be sent, separate dialog will be shown for each of these requests (one by one for user confirmation).



At the end, when all preselected requests are handled by the sending process, a separate summary dialog would show the bulk send results.



The message shows the following information for every single request:

Sendable: Whether a request could be sent. If a request is not sendable, please check if all mandatory fields are filled.

Send successful: Request was sent successfully– yes or no.

Send canceled: Request was canceled by user (therefore was not sent) – yes or no.

To export the summary into Excel file click the “Export” button above the table.

INBOX

When you click on “Search” in the middle right of the screen, the Inbox (📥) shows all MDSs, MDS Requests and IMDS MDSs in the “MDS View”, CMDs and CMD Requests in the “CMD View” and EMDs and EMD Requests in the “EMD View” that are sent to your company. If your company uses Organisation Units, you must have the Org Unit assigned to your ID in order to view data sent to that specific Org Unit within your company. The search parameters are the same as for the Outbox and are similar to the columns in the search results display. What is different about the Inbox is that the supplier contact information is displayed in the search results. Additionally you must view and accept the received MDS, CMD or EMD before you can attach it to one of your structures.

Pre-Check

The checkbox field labeled "Pre-Check" allows users to activate a flag on the MDS (Material Data Sheet) in the recipient tab when they receive MDS from suppliers. This flag indicates that the receiving user has conducted certain pre-check procedures before deciding whether to accept or reject the MDS.

The "Pre-Check" checkbox is only visible for received MDS and can be edited as long as the MDS is in the "browsed" or "not yet browsed" status.

The screenshot shows the 'Received MDS' view for a specific MDS. The 'Details' section is expanded, showing 'Transfer Information'. The 'Pre-Check' checkbox is highlighted with a red box. The status is 'browsed'.

Company Supplier Codes	Supplier Name
No data to display	
Admin Supplier Codes	
cccd	
3335677	
new SupplierCode	

Part/Item No.	Description
part221-0	

The user has the option to mark the "Pre-Check" flag and save the MDS using the save button before deciding whether to accept or reject it.

If the user marks the "Pre-Check" flag and chooses to accept the MDS without saving, an enhanced popup screen will appear. This screen includes a new checkbox labeled "Save current modified data before accepting MDS." The purpose of this checkbox is to remind the user to save any changes made before accepting the MDS.

If the user decides not to check the "Save current modified data before accepting MDS" checkbox, the system will accept the MDS without saving any changes made to the "Pre-Check" flag.

The MDS inbox search criteria has been enhanced with the addition of a new filter checkbox labeled "Pre-Checked." This checkbox is conveniently situated in the Receiver/Supplier canvas, positioned below the "Org Unit" field. Users can easily access this checkbox to apply a filter based on the pre-checked status of MDS.

In the "Received MDS" view, the value of the "Pre-Check" flag has been thoughtfully positioned at the far right end of each column. This placement ensures that users can quickly identify the pre-check status while reviewing MDS information.

The screenshot shows the 'Received MDS' view with the 'Recipient / Supplier' section expanded. The 'Pre-Checked' checkbox is highlighted with a red box. Below, the MDS table is shown with the 'Pre-Check' column highlighted with a red box.

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check
	TruongRegulationOverview	13366379 / 1	13366379	13	10/24/2025	TruongOemMOF21 [2787]		accepted	☐
	Test_Send_c0	13126689 / 0.01	13126689	3	6/30/2025	ACME 2 [3001]		rejected	☐

100 % Declaration Filter

The "100% Declaration" filter in the CDX Inbox allows users to display only fully declared Material Data Sheets (MDS) received from suppliers. This feature aids in distinguishing between complete and incomplete material declarations. A fully declared MDS indicates that all materials and substances within the product have been comprehensively reported by the supplier.

- **Filter Application:** When the "100% Declaration" checkbox is selected, the search results will exclusively display MDS that are 100% declared.
- **Column Addition:** A column labeled "100% Declaration" is included in the search results to indicate the declaration status of each MDS.

The screenshot shows the CDX Inbox interface with the 'MDS Request' tab selected. In the 'Status' section, the '100% declaration' checkbox is checked. In the 'Recipient / Supplier' section, the '100% declaration' checkbox is also checked. The search results table is displayed below, with the '100% declaration' column highlighted in red. The table contains the following data:

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check	100% declaration
TruongRegulationOverview		13366379 / 1	13366379	13	10/24/2025	TruongOemMOF21 [2787]		accepted		
Test_Send_c0		13126689 / 0.01	13126689	3	6/30/2025	ACME 2 [3001]		rejected		
ABX63085820000 # Test Request Upload		13025382 / 1	13025382	1	4/29/2025	ACME Company [2919]	ABX63085820099	accepted		
MDS_Communication		13012938 / 1	13012938	13	4/2/2025	TruongOemMOF21 [2787]		accepted		
Test_Node_Comm		12957334 / 0.01	12957334	1	2/3/2025	CDX Service Team (Germany) Supplier ...		rejected		
Test_Node_Comm		12957331 / 0.01	12957331	1	2/3/2025	CDX Service Team (Germany) Supplier ...		rejected		

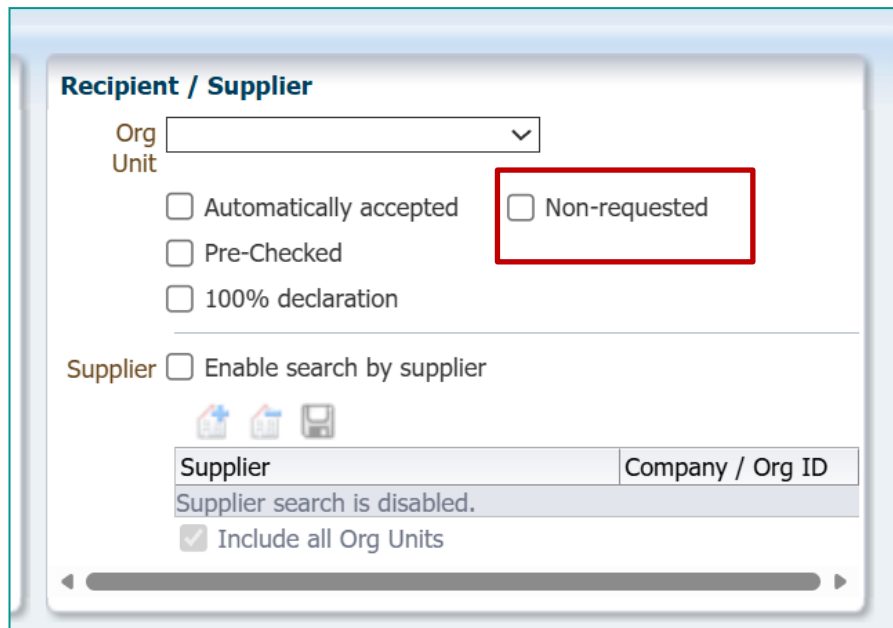
If the "100% Declaration" column is not visible in the search results table, navigate to the "View" menu, then under "Columns" ensure that the checkbox next to "100% Declaration" is ticked. This step activates the column, making it visible in the search results.

The screenshot shows the CDX Inbox interface with the 'View' menu open. The 'Columns' option is selected, and the '100% declaration' checkbox is checked. The 'View' menu also shows options for 'Sort' and 'Reorder Columns...'. The search results table is partially visible in the background.

Non-requested MDSs Filter

The "Non-requested" filter in the CDX Inbox allows users to display only Material Data Sheets (MDS) received from suppliers without a specific Request ID. This feature aids in identifying and managing "proactive" submissions, where a supplier sends data without a formal request from the recipient.

When the "Non-requested" checkbox is selected, the search results will exclusively display MDSs that do not have an associated Request ID. This filter enables the user to isolate these proactive declarations and export the list to a CSV file, facilitating efficient management of non-standard submissions.



The screenshot shows the 'Recipient / Supplier' search interface. It includes a dropdown for 'Org Unit', three checkboxes for 'Automatically accepted', 'Pre-Checked', and '100% declaration', and a checkbox for 'Non-requested' which is highlighted with a red box. Below these are 'Supplier' search options, including 'Enable search by supplier', a table with columns 'Supplier' and 'Company / Org ID', and a message 'Supplier search is disabled.' with an 'Include all Org Units' checkbox.

Exporting MDS Search Results

CDX offers two options for exporting search results from the MDS and IMDS MDS Inbox: "Export" and "Export as CSV file (.csv)". Both options provide the same content, but they differ in format and limitations.

To export MDS search results, first perform a search for the desired MDSs or IMDS MDSs in your inbox. Once you have your search results, choose one of the two export options available.

The "Export" function generates a report in .xlsx format, which is compatible with Microsoft Excel and other spreadsheet applications. This option allows for easy data manipulation and analysis but is limited to a maximum of 500 MDSs per export.

The "Export as CSV file (.csv)" option creates a comma-separated values file. The key advantage of this option is that it does not have the 500 MDS limitation, allowing you to export larger datasets.

Both export methods contain the same type of data about the selected MDSs. The choice between them depends on your preference for file format and the number of MDSs you need to export.

The screenshot shows the 'Received MDSs' interface with tabs for Ingredients, Supplier data, Recipient data, Analysis, and MDS Request. The 'General' tab is active, displaying fields for Name, Number, MDS ID, Node ID, and Attachment Type. The 'Status' section shows a list of status options with checkboxes. The 'Recipient / Supplier' section includes fields for Org Unit, Supplier, and Company / Org ID. A red box highlights the 'Export' button in the bottom toolbar.

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check	100% declaration	le
Request	Request_3883_R3	13675982 / 0.01	13675982	1	1/12/2026	CDX Service Team (Germany) Supplier ...		browsed	☐	☐	1
	schraube	13674403 / 1	13674403	13	12/19/2025	TruongSuppMOF2 [2786]	19122025	accepted	☐	☒	1
	CL210216	13544941 / 1	13544941	9	12/10/2025	CL Demo 3 [113]	210216B-06	accepted	☐	☒	1
	0511_2025	8114159 / 0.01	8114159	14	11/5/2025	TruongOemMOF21 [2787]		browsed	☐	☐	1
	TruongRegulationOverview	13366379 / 1	13366379	13	10/24/2025	TruongOemMOF21 [2787]		accepted	☐	☒	1

Accepting / Rejecting MDS/CMD/EMD

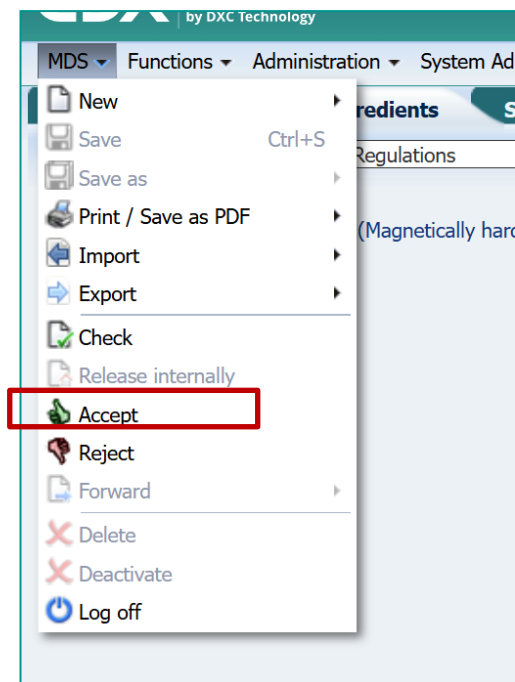
First select the Request you want to review by double clicking on it to bring up the Ingredients/Details page. You can then explore all information as well as the structure (see Navigating the Tree) and review it according to your rules. You also need to go to the Recipient Data tab and review that information.

In order to check the complexity of an MDS, users can refer to the Node count. This count indicates the number of component, material, and substance nodes within the MDS structure. By examining the Node Count, MDS checkers can quickly estimate the potential time and effort required to thoroughly review the MDS.

The screenshot shows the same 'Received MDSs' interface, but with the 'Node Count' column in the table highlighted by a red box. The 'Export' button is also visible in the bottom toolbar.

Type	Name	ID / Version	Node ID	Node Count	transmitted	from comp. (Org Unit) [Company ID]	Number	Status	Pre-Check	100% declaration	le
Request	Request_3883_R3	13675982 / 0.01	13675982	1	1/12/2026	CDX Service Team (Germany) Supplier ...		browsed	☐	☐	1
	schraube	13674403 / 1	13674403	13	12/19/2025	TruongSuppMOF2 [2786]	19122025	accepted	☐	☒	1
	CL210216	13544941 / 1	13544941	9	12/10/2025	CL Demo 3 [113]	210216B-06	accepted	☐	☒	1
	0511_2025	8114159 / 0.01	8114159	14	11/5/2025	TruongOemMOF21 [2787]		browsed	☐	☐	1
	TruongRegulationOverview	13366379 / 1	13366379	13	10/24/2025	TruongOemMOF21 [2787]		accepted	☐	☒	1

Before approving a received MDS, the user is allowed to add an approval comment. To do this, click on the "Accept" button for the MDS.



A pop-up window will appear, which, before final acceptance, enables you to add a comment. In this window, you will find a text field where you can enter your approval comment. This comment will be visible to the supplier user, who can view and respond to it.

CDX - Compliance Data Exchange

Check results

The results of the MDS check run are displayed in the check results table below.
Despite the existence of information messages you may continue.

Recipient data

Name	ITI_Recipient_Received	ID / Version	12625216 / 0.01
transmitted	10/08/2024	from comp.	CDX Service Team (Germany) Supplier (---)
last status changed	10/08/2024	Status	browsed

Approval Comment

Approval Comment

By leaving a comment, you consent to MDS Supplier and Recipient seeing your comment along with your name.

Other Options

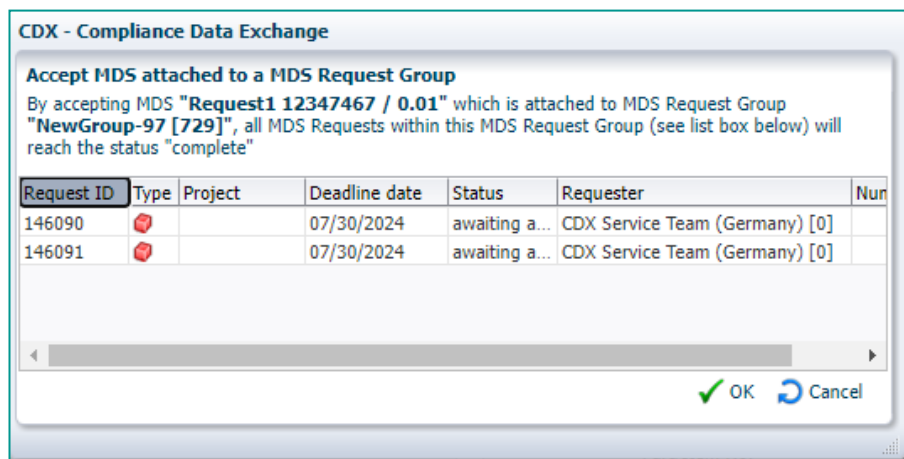
☐ Create SCIP Submission upon accepting

Accept Cancel

This approval comment will also be included in the email notification received by the supplier.

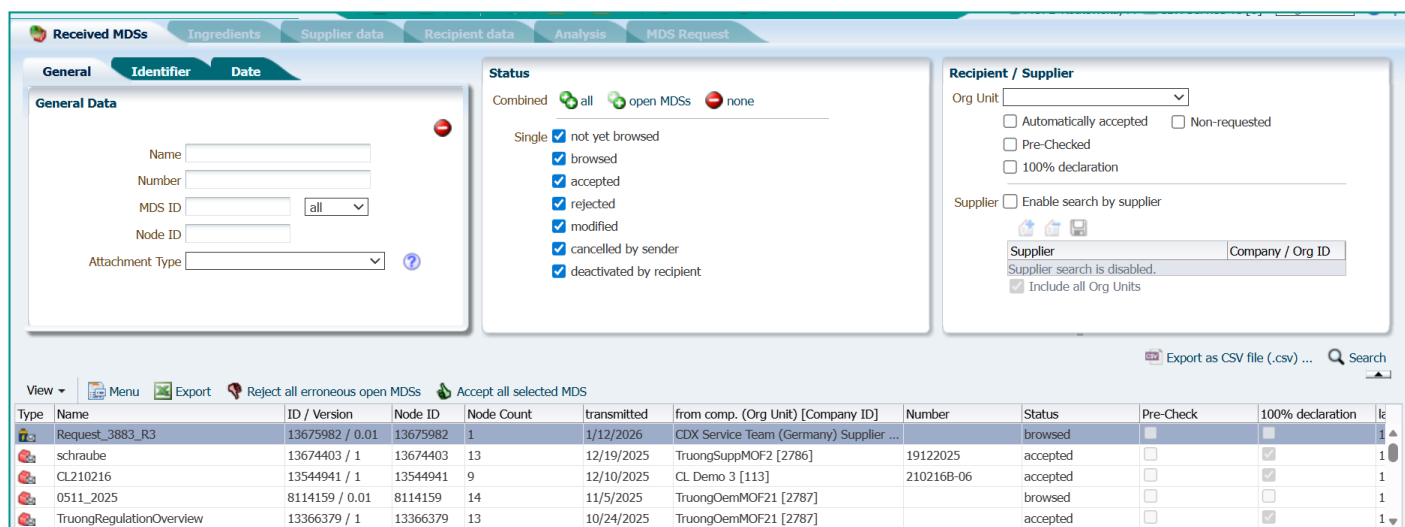


To accept an MDS attached to an MDS request group, the user will be prompted to confirm that all MDS requests within the selected MDS request group should be accepted, as they will all reach the status "Complete."



Accept MDS in bulk

Within CDX, users have the option to select from a list of received MDSs. Once the desired MDSs are chosen, users can click "Accept all selected MDS" to confirm their selection.



A confirmation popup will then appear, displaying the selected MDSs after filtering them based on their status ("browsed" and "not yet browsed").

CDX - Compliance Data Exchange

If you click Accept all, the following MDS will be checked. In case the check passes, MDS will be accepted, otherwise status will not change. MDS with status other than browsed or not yet browsed have been removed from the target list.

This activity will be executed as a background job. You may leave this screen. A pop up will notify about the result of the job.

View ▾

Type	Name	Status	ID / Version	Node ID	from comp. (Org Unit) [Company ID]
	newComponent	not yet browsed	200444866 / 1	200444866	CDX Service Team (Germany) Supplier ...
	test	browsed	200444669 / 1	200444669	CDX Service Team (Germany) Supplier ...

✓ Accept all ↺ Cancel

To initiate the background acceptance process, users should press the "Accept all" button.

Once the "Accept all" operation is complete, the results will be presented in another popup for review.

CDX - Compliance Data Exchange

"Accept all selected MDS" process has completed. Please take note of the results below. In case of check issues, please open MDS and verify manually.

View ▾

 Export

Type	Name	Node ID	Result
	newComponent	200444866	Accepted successfully
	test	200444669	Failed to accept, Issu...

✓ Close

In case of many selected MDS or very large MDS, the background process may take a significant amount of time. The user may leave the MDS inbox screen, work on other CDX tasks and will see the popup result after the process has finished and as soon as he returns back to MDS inbox.

Accepting Received MDS for SCIP submission

If the MDS has passed all system checks, you can choose to create SCIP dossier for the received MDS upon accepting by selecting the check box ☐ Create SCIP Submission upon accepting and by clicking on  Accept. During acceptance, you are allowed to add an acceptance comment, which will be visible to the supplier user, who can view and respond to it. This approval comment will also be included in the email notification received by the supplier. The status of the MDS will change to Accepted and the MDS can now be found in your search and attached to one of your structures, and if the check box for creating SCIP dossier is selected, the SCIP dossier pop-up screen will be shown as the below screenshot.

CDX - Compliance Data Exchange

Check results



The results of the MDS check run are displayed in the check results table below.
Despite the existence of information messages you may continue.

Recipient data

Name	ITI_Recipient_Received	ID / Version	12625216 / 0.01
transmitted	10/08/2024	from comp.	CDX Service Team (Germany) Supplier (---)
last status changed	10/08/2024	Status	browsed

Approval Comment

Approval Comment

By leaving a comment, you consent to MDS Supplier and Recipient seeing your comment along with your name.

Other Options

☐ Create SCIP Submission upon accepting

Accept

Cancel

SCIP Upload

SCIP Dossier

You may choose to submit your MDS to ECHA as a SCIP Dossier, using direct submission. Your Dossier will immediately be transferred to ECHA and you will be directed to CDX Queue and Collection Manager (QCM) for status review. Alternatively you may download the Dossier to your hard disk and use <https://test-env.ecs.echa.europa.eu/cloud/submissions> for submitting data manually, or importing to IUCLID.

Warning: if articles within this MDS do not contain Article Categories, they will either receive the default as configured in the MDS, or inherit their ancestor's value if no default is provided.

Note: If 'Selling Legal Entities' are configured for this MDS, successful submission of the Dossier will trigger Simplified Notifications for these entities. The associated SCIP numbers can be found in Tab "Supplier data".

Note: If you want to enable SCIP direct / bulk upload, you will need your company admin to provide ECHA credentials in the company configuration. See for further explanation: [Scip Authentication](#)

Name	Screw
Module ID	200383760
CDX Version	1
Part Number	[124ffg]

Download Scip Dossier

SCIP Upload

Cancel

The received SCIP Number is added as Vendor SCIP number:

External SCIP number field for submission

A new "External SCIP Number" field has been added to the MDS to allow users to manually add an existing SCIP number generated outside of CDX to a custom MDS, even if the organization does not have a SCIP upload license.

The new External SCIP Number field is only entered in and visible to the top node of the MDS. It follows the UUID (Universally Unique Identifier) format.

The new field should remain editable as long as the MDS is not released.

The existing SCIP number (on the "Ingredients" tab of the supplier) will be renamed to "CDX SCIP number".

The system checks if the external SCIP number has the correct format. If it is not, an error message will be displayed to the user that the field does not match the UUID format.

Details
Expand all
Collapse all

Common Information

Type	Component
ID / Version	13959913 / 0.01
Node ID	13959913
Node Count	48
MDS Supplier	CDX Service Team (Germany)
100% declaration	☒
SCIP Compliance	☒
CDX SCIP number	2d6a7fb9-1ad3-4884-8454-ae38ab3204ae
External SCIP number	2d6a7fb-1ad3-4884-8454-ae38ab3204ae
Brand	
Type	
Model	

Error: The format is incorrect.

External SCIP Number doesn't follow the Universally Unique Identifier (UUID) format

Enter between 1 and 36 characters.

Rejecting the MDS/CMD/EMD

If you decide to Reject the MDS/CMD/EMD or MDS attached to MDS Request group, you will need to supply a reason for the rejection. This should be self explanatory or else your supplier will feel free to call you with questions.

CDX - Compliance Data Exchange

Recipient data

Name	CAVALLINO RAMPANTE 73.5	ID / Version	12362168 / 0.01
transmitted	05/20/2024	from comp.	MRV (---)
last status changed	05/20/2024	Status	browsed

Reason for denial

Reason for denial

By leaving a comment, you consent to MDS Supplier and Recipient seeing your comment along with your name.

Parse Warnings
Parse Errors
Reject
Cancel

After you enter your reason for denial, click on the **Reject** to change the status to rejected. When you add a comment in the reject reason, your name will be visible to the supplier users and will be later displayed under this MDS user in the Recipient data within the Communication information section.

You can first display all Warnings and Errors if you choose the button **Parse Warnings** or **Parse Errors**. With the right mouse you can delete the text.

When the user chooses to reject an MDS associated with an MDS Group Request, the system will update the statuses as follows:

- The rejected MDS itself will receive a status of "Rejected"
- All other MDS requests within the same MDS request group will have their status changed to "Sent"

This ensures proper tracking of both the rejected MDS and the remaining requests in the group.

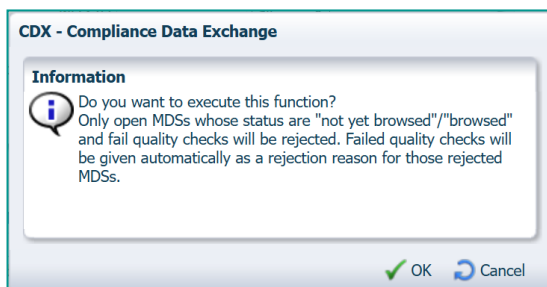
Bulk MDS Rejection in CDX

Within CDX, users have the convenient option to reject multiple MDSs simultaneously. This bulk rejection feature streamlines the process for handling erroneous or non-compliant submissions.

- Navigate to the list of received MDSs.
- Review and select the MDSs you wish to reject.

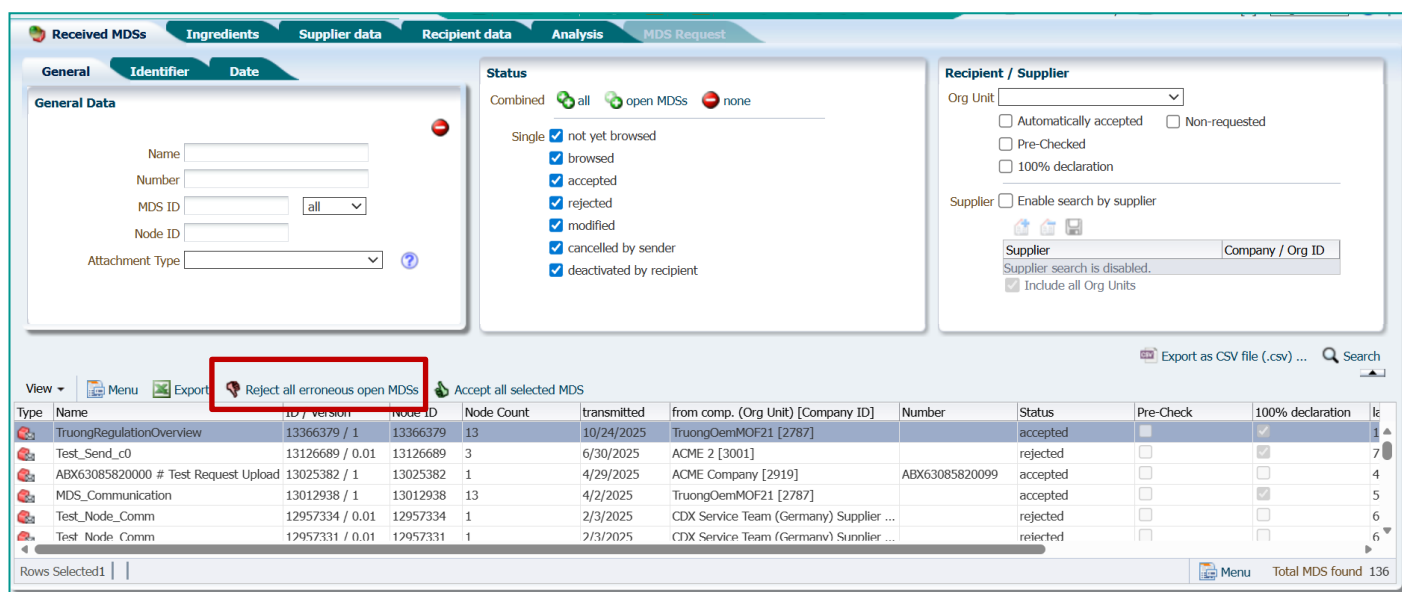
3. Look for the "Reject all erroneous open MDSs" button.

4. A confirmation pop-up will appear with consequence of the action and serves as a final check.



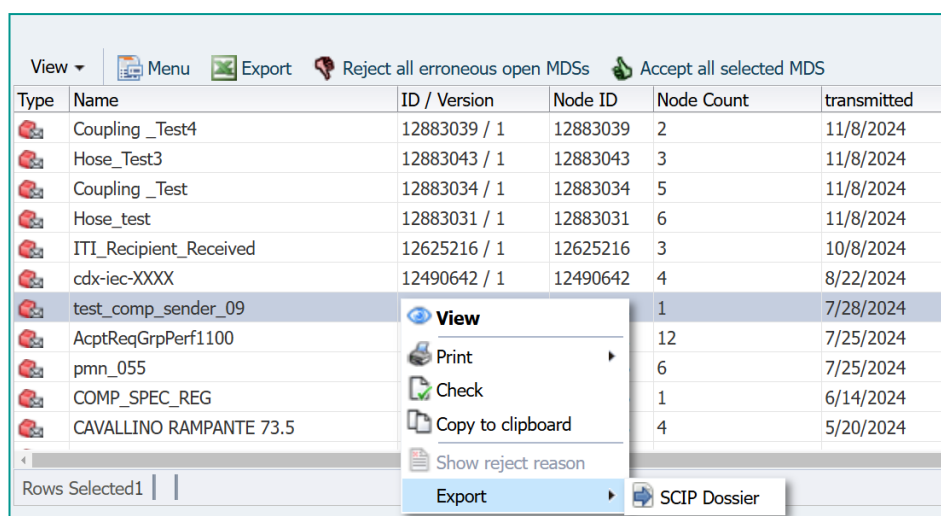
5. Click this button to initiate the bulk rejection process.

This efficient method allows users to manage large volumes of MDSs more effectively, saving time and ensuring consistency in the rejection process. Remember, to review your selections carefully before confirming the bulk rejection to avoid unintended actions.

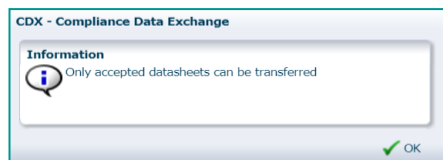


Exporting SCIP Dossiers for received MDS

If the status of the received MDS is either accepted or automatically accepted, you can choose to generate a SCIP dossier and submit it to ECHA for a single selected supplier MDS as per the below screenshot:



The received SCIP Number is added as Customer SCIP number.



Assign Existing MDS/CMD/EMD to a Received Request

You can mark one or more received (MDS/CMD/EMD) Requests directly in the Request Inbox to launch the assign process with “Assign MDS” (or “Assign CMD”, “Assign EMD”,) from the context menu or with the right mouse click:

View	Menu	Export								
Request ID	Requester [Company ID]	Requester CMD Contact	Deadline date	Status	Project	Supplier Code	Template version	Declaration Scope		
6777	CDX Service Team (Germany) [0]	Tester, Webservice	08/11/2040	received			5.01	Company		
6775	CDX Service Team (Germany) [0]	Assign CMD	08/11/2040	rejected			5.01	Company		
6771	CDX Service Team (Germany) [0]	Tester, Webservice	08/11/2040	received			5.01	Company		
6757	CDX Service Team (Germany) [0]	Tester, Webservice	08/11/2040	received			5.01	Company		
6756	CDX Service Team (Germany) [0]	Tester, Webservice	08/11/2040	received			5.01	Company		

Please note, that the menu item “Assign MDS”, “Assign CMD” or “Assign EMD”, is only offered if the following conditions are met:

- All selected requests are assignable (~ in “received” / “overdue” state).
- MDS: All selected requests must share the same MDS type.
- CMD/EMD: All selected requests must share the same declaration scope and same template version.

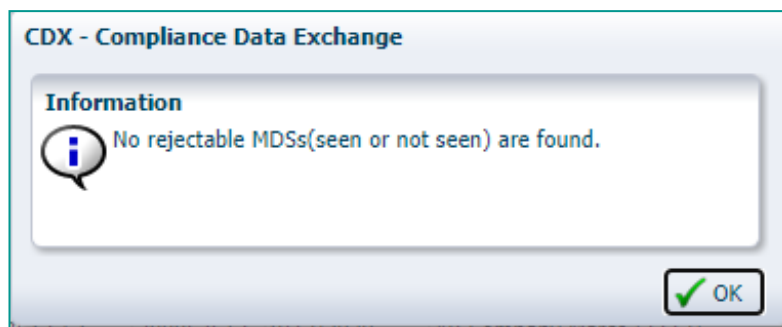
When you click on the “Assign MDS (CMD, EMD)” the MDS (CMD, EMD) search window is opened, where you can search for and select the desired MDS (CMD, EMD). When you click on “Apply”, the Details tab of the MDS (CMD, EMD) is opened, the Requester is added as Recipient in the Recipient Data tab, and in the Request tab you see the MDS (CMD, EMD) is assigned to the request. You can now propose / send the MDS (CMD, EMD) to the recipient.

Rejecting multiple MDSs

You can reject multiple MDSs which are open and still not yet answered by clicking on  **Reject all erroneous open MDSs** from within the view of received MDSs

Only open MDSs whose status are "not yet browsed"/"browsed" and contain errors will be rejected. Found errors will be given automatically as a rejection reason for those rejected MDSs.

If there are no open MDSs in the result table and all of them are already either answered or cancelled, additional dialog will inform the user.



As this kind of rejection runs in a batch mode, the user can immediately continue his work without waiting for the end of the process. After completion of the batch process and refresh of the screen, those MDSs would be shown as rejected if rejection was successful.

MDS Request Group Management

The MDS Request Group Management feature allows users to efficiently organize and manage Multiple Data Sheet (MDS) requests in groups. This functionality is accessible from the MDS Request Inbox (Received MDS Requests) screen. It has been designed to address a common scenario in compliance management. Large companies often maintain numerous part IDs in their products without necessarily knowing which parts are identical or nearly identical from a compliance perspective. As a result, these companies may send separate Material Data Sheet (MDS) requests to their suppliers for each individual part number.

This feature empowers suppliers to efficiently manage these requests by:

- Identifying quasi-identical parts among the received MDS requests
- Grouping corresponding MDS requests into MDS request groups
- Managing these groups by adding or removing requests as needed
- Deleting groups when they are no longer required

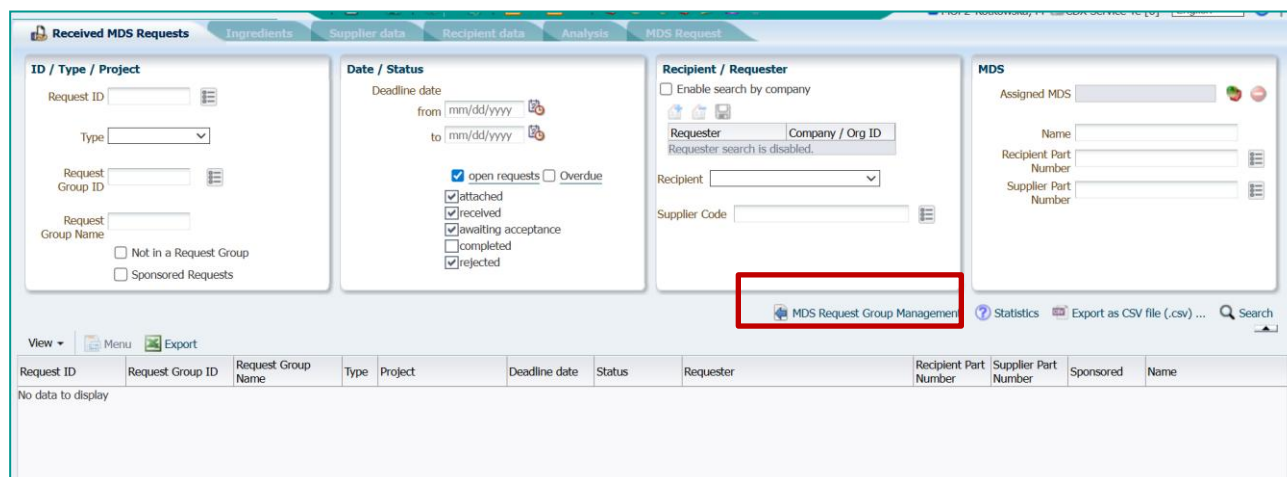
By utilizing this functionality, suppliers can streamline their workflow, reduce redundant work, and maintain better organization of compliance-related data.

MDS request groups can only be managed when in status RECEIVED. MDS Request groups in other status cannot be modified or deleted.

Accessing MDS Request Group Management

To access **"MDS Request Group Management"**, navigate to Functions => Inbox => MDS Request and click the "MDS Request Group Management" button. This button is only active if company owns at least one MDS Request Group with status "received". If the company has no MDS Request Group at all, the button has a tooltip saying: "Your company does not own any MDS Request Groups." Or "Your company does not own any MDS Request Groups with status RECEIVED." (if the company owns MDS Request Groups with different status).

Users can refine their search using the "Request Group ID" input field to locate specific MDS Request Group IDs. For added convenience, a "Not in a Request Group" checkbox filter is available, allowing users to quickly identify MDS requests that are not associated with any MDS request group.



Managing MDS Request Groups

Upon opening the MDS Request Group Management dialog, users will be able to Manage MDS Request Groups.

Users start by selecting a Requestor Company from the dropdown, then choosing an MDS Request Group for the selected company. The upper table displays current group members, while the lower table shows eligible requests for addition.

CDX - Compliance Data Exchange

MDS Request Group Management

Requestor Company

MDS Request Group

Supplier Company
Supplier Org Unit
Type

Status

Members of MDS Request Group

Request ID Part NO. Supplier Part NO. Search

Request ID	PartMatName	Recipient Part Number	Supplier Part Number	Status	Type	100%decl.	SCIP Comp.	Att.Req.	Mwpi	Parts Mark.	Spec weight
No data to display											

Showing 0 out of 0 records

[Add Selected MDS Requests](#) [Remove Selected MDS Requests](#)

MDS Requests eligible to add to MDS Request Group

Request ID Part NO. Supplier Part NO. Search

Request ID	PartMatName	Recipient Part Number	Supplier Part Number	Status	Type	100%decl.	SCIP Comp.	Att.Req.	Mwpi	Parts Mark.	Spec weight
No data to display											

To add requests to the group, users select one or more items in the lower table and click "Add selected MDS Requests". To remove requests, they select items in the upper table and click "Remove selected MDS Requests". These steps can be repeated as needed to organize the MDS Request Group.

Both tables can be filtered using Request ID, Part ID, and Supplier Part ID. Users enter search criteria in the corresponding fields and click "Search" to apply filters.

NOTE: Users can only add requests from the same Requestor Company as the group, and requests must have the same MDS Type and Basic Substance Group as existing group members. Requests that already belong to another group cannot be added, and removing requests is only allowed when they are in "received" status (no MDS attached).

CDX - Compliance Data Exchange

MDS Request Group Management

Requestor Company

MDS Request Group

Supplier Company CDX Service Team (Germany) (0)
Supplier Org Unit CDX Service Team (Germany) (0)
Type Component

Status received

Members of MDS Request Group

Request ID Part NO. Supplier Part NO. Search

Request ID	PartMatName	Status	Type	100%decl.	SCIP Comp.	Att.Req.	Mwpi	Parts Mark.	Spec weight	Symbol	SdtMatNO.	Basic SGL
146101	test req 1	received		☐	☒	☐	☐	☐	☐	☐	☐	
146102	test req 2	received		☐	☒	☐	☐	☐	☐	☐	☐	
147055	mat1_request	received		☐	☒	☐	☐	☐	☐	☐	☐	

Showing 3 out of 3 records

CDX provides a list of eligible MDS requests for the selected request group, including "Supplier Company" and "Supplier Org Unit" details to identify the suitable requests.

Saving Changes and Deleting Groups

After modifying the group, users click **"Save MDS Request Group"** to update the database. The dialog remains open for further management.

To delete an entire MDS Request Group, users click **"Delete MDS Request Group"** and confirm the action in the popup dialog. Deleting a group removes the group ID from all associated requests, making them stand-alone requests again.

CDX - Compliance Data Exchange

Delete MDS Request Group

Do you want to **delete** MDS Request Group **"test 3090 [733]"** for requestor company **"CDX Service Team (Germany) Supplier [1]"** ?

The group contains the following MDS requests

Request ID	Type	Project	Deadline date	Status	Requester	Number
146101				received	CDX Service Team (Germany) Su...	
146102				received	CDX Service Team (Germany) Su...	

Yes No

When finished, users click "Close" to exit. If there are unsaved changes, they'll be prompted to save, abandon changes, or continue editing.

CDX - Compliance Data Exchange

Unsaved Changes

You have made changes to MDS Request Group **"test 3090 [733]"** that have not been saved. Do you want to

Save Changes Abandon Changes CONTINUE_EDITING

SEARCH TIPS

Searching in CDX is simple, easy and offers many options to narrow your results. The more filters you fill out, the less search results you will get. The Search menus are somewhat similar with slight differences as detailed in the following sections.

With a valid [CDX License](#) all search results can be exported by using the **Export** button above the result table.

Wild Card Search

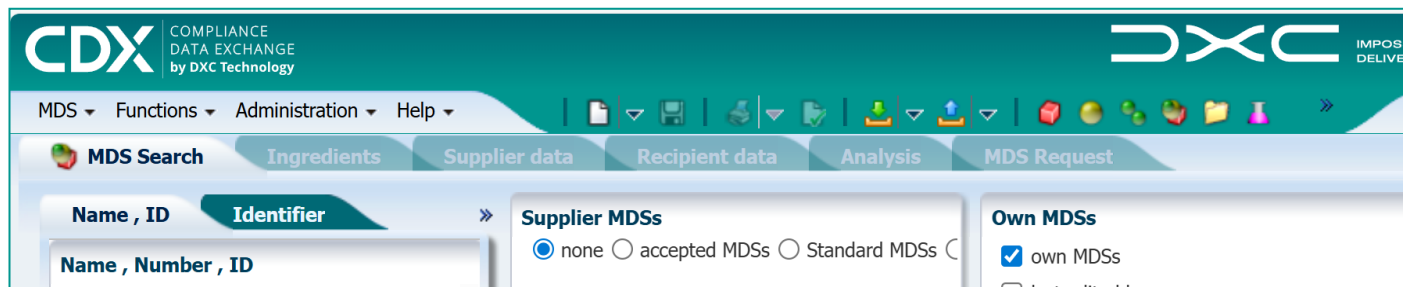
The asterisk (*) is a useful character when searching, especially since you are not sure of the exact spelling or punctuation. If you want all lead compounds in the Basic Substance search, simply enter *lead* in the name field and all will be returned. If you are looking for a company and know there are several CDX registrations, you can enter *abcd* in the company name field and all companies containing that character string will be returned in the results.

Configure Search Results

Every Search Results allows you to turn off/on column displays and to sort or rearrange the columns through the **View** item.

MDS Search Options

Within the MDS View, you have access to the following search options for locating Material Data Sheets, Components, Semi-Components, and Materials. These search functions are launched from the Functions menu or the respective toolbar buttons. All search screens support the Multi-Search Upload feature, which allows you to search for multiple items simultaneously by uploading or pasting a list of values.



Multi-Search Upload Feature

The Multi-Search Upload feature allows you to search for multiple items simultaneously by uploading or pasting a list of values, rather than entering single search criteria one at a time. This feature is available in all main search screens (**MDS, Component, Semi-Component, Material**), as well as in the **Inbox, Outbox, and MDS Request**

Group management pages. To use it, click the **Multi Search Upload** button  next to any supported search field.

A dialog will open offering two input methods: **Clipboard** and **File Upload**. When switching between these methods, the system automatically clears any previous input.

CDX - Compliance Data Exchange

CDX - Compliance Data Exchange

Source

Choose File

No file chosen

Delimiter

,

Clipboard

File Content

✓ Apply

⊘ Clear

↺ Cancel

Clipboard

Paste a list of values directly into the input area. First, select the appropriate Delimiter (comma, semicolon, or line break) from the dropdown menu to match your data format. Then paste or type your list. It is crucial that the selected delimiter matches your data; if you select a comma but your list uses semicolons, the system will display an error message

CDX - Compliance Data Exchange

CDX - Compliance Data Exchange

Source

Choose File

No file chosen

Delimiter

,

Clipboard

File Content

✓ Apply

⊘ Clear

↺ Cancel

File Upload

Click **Choose File** to upload a list from an external document. Supported formats are .csv, .txt (comma-separated), or .xlsx (single column). Once successfully uploaded, the filename appears in the Source field, and the data is previewed in the read-only File Content area.

CDX - Compliance Data Exchange

Source test.txt

Upload File test.txt (text/plain)

Delimiter ,

Clipboard

File Content

```
200587361
200589774
200591767
200592781
200309219
```

☒ Apply

Search Rules and Limits

You can include up to **100 entries** per search. The system counts total entries from both clipboard and file content combined and will block any attempt to exceed this limit. Searches perform an exact match (case-insensitive) and do not support wildcards. For numeric fields like Node ID or Request ID, ensure your list contains only numbers, as text or symbols will trigger a validation error.

Once you click **Apply**, the dialog closes, and the search field displays a green border to indicate that a multi-search list is active. The results will return all records matching any of the IDs in your list.

MDS Search Ingredients Supplier data Recipient data Analysis

Name, ID Identifier Date SCIP

Name, Number, ID

Name

Number

MDS ID current

Node ID 200587361 [...]

Attachment Type

To remove these criteria, simply re-open the dialog and click Clear, or use the screen's main Clear All button to reset all search fields at once. You can also combine one active multi-search field with other single-value search fields to further refine your results.

Component and Battery Search Fields

The following table lists the fields and definition of those fields available in the Component Search and Battery Search.

Field	Description
Name, ID, Version, Date, Identifier, SCIP	
Name	The name of the Component and Battery
Part / Item Number	The part or item number
Attachment Type	User can search MDS top nodes by any attachment type. CDX provides MDS results for the selected attachment type
Identifier	Identifier - The list of all identifiers with their corresponding value to ensure the data referential integrity i.e., UDI, ISBN, GTIN, EAN, GPC and others. MDS ID / - Select current to limit your search to the most recent version(s). Select All to return all results. Note, if searching for a supplier's data, it is a good idea to search on All as there may be higher versions from a system perspective that you do not have visibility to. Node ID, created by the system. This refers to the actual location in the database where information about this MDS is stored. For the 0.01 version of the MDS, it will be the same as the ID Supplier Code - Search MDSs with a certain Supplier Code. You may also use the asterisk (*) to perform a wild card search.
SCIP Dossier/No SCIP Dossier/Ignore	Flag to perform a data search on SCIP Dossiers/No SCIP Dossiers or ignore SCIP Dossiers
Date: published / accepted / internally released	Checking this box allows you to perform a date search based on when the MDS was released.
Date: created	Checking this box allows you to perform a date search based on when the own MDS was created.
From / To	Date range that you want to search through.
Supplier MDSs	
Accepted MDSs	Select the Accepted radio button if you want to search through supplier data that you have accepted.
Supplier	If the above radio button is selected, you will be able to search and select suppliers to which you want to limit your searches.
MDSs provided by customer	This feature allows the Bosch Group users to share their MDSs with their suppliers. Consequently, supplier companies have the option to incorporate these MDSs, specifically labeled as "provided by customer," into their own MDSs.
Own MDSs	
Own MDSs	Check this box if you want to search through your own company's MDSs.
Last edited by me	Check this box if you want to limit your search to those that you were the last editor on.
Imported	Check this box if you want to limit your search to imported MDSs. When the box is checked, you can choose the import source and file format.
Assigned Org Unit	If you want to limit your search to a single Org Unit, you can select it here whether or not the Org Unit is assigned to your User ID.
Assigned Contact	If you want to limit your search to a single supplier contact in your CDX company, you can select it here.

Semicomponent Search Fields

The following table lists the fields and definition of those fields available in the Semicomponent Search.

Field	Description
Name, ID, Version, Date, Identifier, SCIP	
Name	The name of the Semicomponent
Item / Mat. No.	The item or Material number
Attachment Type	User can search MDS top nodes by any attachment type. CDX provides MDS results for the selected attachment type
Identifier	Identifier - The list of all identifiers with their corresponding value to ensure the data referential integrity i.e., UDI, ISBN, GTIN, EAN, GPC and others. MDS ID / - Select current to limit your search to the most recent version(s). Select All to return all results. Note, if searching for a supplier's data, it is a good idea to search on All as there may be higher versions from a system perspective that you do not have visibility to. Node ID, created by the system. This refers to the actual location in the database where information about this MDS is stored. For the 0.01 version of the MDS, it will be the same as the ID Supplier Code - Search MDSs with a certain Supplier Code. You may also use the asterisk (*) to perform a wild card search
SCIP Dossier/No SCIP Dossier/Ignore	Flag to perform a data search on SCIP Dossiers/No SCIP Dossiers or ignore SCIP Dossiers
Date: published / accepted / internally released	Checking this box allows you to perform a date search based on when the MDS was released.
Date: created	Checking this box allows you to perform a date search based on when the own MDS was created.
From / To	Date range that you want to search through.
Supplier MDSs	
Accepted MDSs	Select the Accepted radio button if you want to search through supplier data that you have accepted.
Supplier	If the above radio button is selected, you will be able to search and select suppliers to which you want to limit your searches.
MDSs provided by customer	This feature allows the Bosch Group users to share their MDSs with their suppliers. Consequently, supplier companies have the option to incorporate these MDSs, specifically labeled as "provided by customer," into their own MDSs.
Own MDSs	
Own MDSs	Check this box if you want to search through your own company's MDSs.
Last edited by me	Check this box if you want to limit your search to those that you were the last editor on.
Assigned Org Unit	If you want to limit your search to a single Org Unit, you can select it here whether or not the Org Unit is assigned to your User ID.
Assigned Contact	If you want to limit your search to a single supplier contact in your CDX company, you can select it here.

Material Search Fields

The following table lists the fields and definition of those fields available in the Material Search.

Field	Description
Name, ID, Version, Date, Identifier, SCIP	

Field	Description
Name	The name of the Material
Int. Mat. No.	The Internal Material number – this is how your company refers to the Material.
Attachment Type	User can search MDS top nodes by any attachment type. CDX provides MDS results for the selected attachment type
Identifier	Identifier - The list of all identifiers with their corresponding value to ensure the data referential integrity i.e., UDI, ISBN, GTIN, EAN, GPC and others. MDS ID / - Select current to limit your search to the most recent version(s). Select All to return all results. Note, if searching for a supplier's data, it is a good idea to search on All as there may be higher versions from a system perspective that you do not have visibility to. Node ID, created by the system. This refers to the actual location in the database where information about this MDS is stored. For the 0.01 version of the MDS, it will be the same as the ID Supplier Code - Search MDSs with a certain Supplier Code. You may also use the asterisk (*) to perform a wild card search
Date: published / accepted / internally released	Checking this box allows you to perform a date search based on when the MDS was released.
Date: created	Checking this box allows you to perform a date search based on when the own MDS was created.
From / To	Date range that you want to search through.
Norm, Symbol, Classification	
Standard Material No.	The Standard Material number of the Material. This usually is valid only for materials in certain metal classifications.
Symbol	The ISO symbol for this Material. This field is usually valid only for polymeric classifications.
Norm	You may elect to search on specific norms. You may search on only one norm at a time. You may wish to use a wild card search in the numeric portion of the norm to have a wider scope.
Classification	You may elect to search on specific Material Classifications. You may search on only one Classification at a time.
Supplier MDSs	
Accepted MDSs	Select the Accepted radio button if you want to search through supplier data that you have accepted.
Supplier	If the above radio button is selected, you will be able to search and select suppliers to which you want to limit your searches.
MDSs provided by customer	This feature allows the Bosch Group users to share their MDSs with their suppliers. Consequently, supplier companies have the option to incorporate these MDSs, specifically labeled as "provided by customer," into their own MDSs.
Standard MDSs	Select the Standard MDSs radio button if you want to search through standard Material data that is published by "CDX Standard Metals".
Own MDSs	
Own MDSs	Check this box if you want to search through your own company's MDSs.
Last edited by me	Check this box if you want to limit your search to those that you were the last editor on.
Imported	Check this box if you want to limit your search to imported MDSs. When the box is checked, you can choose the import source and file format.
Assigned Org Unit	If you want to limit your search to a single Org Unit, you can select it here whether or not the Org Unit is assigned to your User ID.
Assigned Contact	If you want to limit your search to a single supplier contact in your CDX company, you can select it here.

Standard MDSs

When the "Standard MDSs" radio button is chosen, the company list box becomes active and displays a comprehensive list of companies recognized as Standard Material suppliers. At this point, the "-" button becomes functional, while the

"+" and "save" buttons remain inactive, as all Standard Material Suppliers are already visible. It's important to note that the content of the Standard Material Supplier list cannot be permanently saved, and it will disappear when the radio button is switched back to "accepted MDS". The user has the flexibility to remove specific companies from the list by selecting them in the company list box.

As soon as fewer than all Standard Material Suppliers are displayed, the "+" button becomes active. If the last company is removed from the list, the radio button automatically reverts back to the "none" selection.

MDS Search

With the MDS Search can you search for supplier or own datasheets with various parameters (already described in the previous tables) regardless of whether they are components, semicomponent or materials.

SDoC Search

The SDoC Search is launched from the Functions Menu in "MDS View". The following table lists the fields and definition of those fields available in the SDoC Search.

Field	Description
SDoC ID	The SDoC ID
MDS ID	The MDS ID the SDoC has been issued on.
Owner Company	System Generated – the CDX company name
Include all Org Units	Check this box if you want to search through all Org Units.
State	Status of the SDoC – Edit Mode or Internally Released.
Date of Issue	Date the SDoC was Issued.
Last Name	Last name on the User ID associated with the SDoC.
First Name	First name on the User ID associated with the SDoC.

Basic Substance Search Fields

The following table lists the fields and definition of those fields available in the Basic Substance Search.

Field	Description
CAS No.	The preferred method of searching on Basic Substances – no spelling or punctuation numbers. This is the Chemical Abstract Service Number. Not all Basic Substances have a CAS number. If it does not, then this field contains -. If it is a system wild card, the word "system" appears in this field.
Name / Synonym	The name or synonym of the Basic Substance. If using this field, it is highly recommended that you use a wild card search.
EU-Index	The EU-Index number assigned to the Basic Substance. Not all Basic Substances have an EU-Index number and this field is frequently blank.

Field	Description
EINECS-No.	The EINECS number assigned to the Basic Substance. Not all Basic Substances have an EINECS number and this field is frequently blank.
IAEG Code	The IAEG Code assigned to the Basic Substance. This code is part of the Aerospace and Defense Declarable Substances List (AD-DSL), which is a list of substances subject to supplier reporting in the aerospace and defense supply chain.
ECHA Substance ID	The ECHA Substance Identification is a clear and accurate identification of the substance under REACH
ECHA Substance Name	The ECHA Substance Name describes a chemical name for the substance under REACH
ECHA Iupac Name	The IUPAC nomenclature is a systematic way of naming chemical substances, both organic and inorganic. In IUPAC nomenclature, prefixes, suffixes and infixes are used to describe the type and position of functional groups in the substance
ECHA CAS Name	ECHA CAS (Chemical Abstracts Service) Name for substances.
Basic Substance Group / List	For some checks / analysis, many Basic Substances have been assigned to a group. You can differentiate between Global Basic Substance Lists and Company Specific Basic Substance Lists to see which Basic Substances (up to 500) are assigned to a group/list through using the pull down.

The screenshot displays the 'Basic Substance Search' interface. The 'Details' tab is active, showing information for 'Mercurous oxide' (Node ID 7260). The 'Basic Substance' section lists: Name 'Mercurous oxide', Status 'active', CAS No. 15829-53-5, IAEG Code, EU-Index -, Eines/Elincs No. 239-934-0, ECHA Substance ID, ECHA Substance Name, ECHA Iupac Name, and ECHA CAS Name. The 'Basic Substance groups/lists' section lists: California Proposition 65 Direct Entry, China RoHS, GADSL: Declarable, GADSL: Prohibited, Korea RoHS, and Mercury compounds. The 'Common Regulations' section lists: Batteries, California Proposition 65, CEPA Schedule 1 Toxic Substances, China RoHS2, ELV, ELV-IMDS, EU Battery Regulation (EU) 2023/1542, and GADSL. A 'Synonyms' table is also shown with columns for Language, ID, and Name, listing three entries for 'Mercurous oxide' in German, English, and French.

Basic Substance Request: Requesting the addition of a basic substance

Users may search the basic substances available in CDX with the above mentioned Basic Substance Search. If a specific basic substance is not found, a user may submit a request to add the basic substance. Basic substance requests are accessed from the Basic Substance Request option on the Functions menu.

Several actions are available from the resulting Basic Substance Request screen. Selecting the Search button displays all requests the user has created which meet the specified filters. The result list shows the name and CAS Number of each basic substance, the date the request was submitted and the state of the request (new, sent, enquiry, modified, closed). Existing requests may be modified and all past requests can be viewed.

The screenshot displays the 'Basic Substance Request' interface. The 'Search Criteria' section has input fields for 'Basic Substance name' and 'CAS No.', and a 'Status' dropdown menu. Below the search criteria, there are buttons for 'View', 'Menu', and 'Export'. On the right, there are buttons for 'Create request' and 'Search'. The main table has columns for 'Basic Substance name (English)', 'Basic Substance name (German)', 'CAS No.', 'Status', and 'Date'. The table currently shows 'No data to display'.

The button **Create request** starts a new Basic Substance Request. You must populate the appropriate fields in the request form. Above the form you can read General Information for requesting the addition of a basic substance.

Once completed and saved, the request generates a notification email to the CDX Chemical Service. The requester and the CDX Chemical Service may view the request in the form as shown below:

Basic Substance Request Details *

General Info FAQs

Basic Substance data

Basic Substance name (English) Basic Substance name (German)

CAS No. Eines/Eincs No.

EU-Index Basic Substance in final Material is

Synonyms

Language	ID	Name
No data to display		

Comment

[Comment Log](#)

Comment

Should the Chemical Service need further information, the user will receive an email request. Once processing is complete after a few working days (successful or not), the request is closed by the Chemical Service. When this occurs, the user receives a request closed notification. Closed requests cannot be edited.

Search Basic Substance Changes

With the “Search Basic Substance Changes” you can search for changes as well as for hidden or inactive basic substances and view the change history. You may select a time period for which to review executed changes. The result list will contain change information for the basic substance, as name, CAS No., change date and type.

The user may obtain a detailed description by double-clicking any of the listed Basic Substances. The Details screen opens, categorized as in the following:

- Basic Substance (name, status, CAS No., etc.)
- Basic Substance Groups / Lists (all groups and lists where the basic substance belongs to are displayed)
- Synonyms (all known synonyms are listed)

Search Substance Groups / Regulation Changes

Here you can search for changes in a Global Basic Substance List as well as for changes of Global Regulations. You have to select one and may select a time period for which to review executed changes. The result list will contain a list of basic substances with change information, categorized as in the following:

- Group / Regulation name
- Substance name
- CAS No.
- Change date

- Change type

To receive notifications about Substance Group or Regulation changes you can subscribe emails for these events in your [Personal Settings](#) in the Administration menu.

Regulation Basic Substance Overview

If you want to know which Basic Substances are relevant for a certain regulation (such as REACH, RoHS, ELV, GADSL), you can use the **Functions > Basic Substances > Regulation Basic Substance Overview** menu item. You can open this separate independent window anytime at any stage of your CDX work – opening the overview window will not close your current window. In this overview you can search for Common and [Company Specific Regulations](#):

CDX - Compliance Data Exchange

Regulation Overview

☒ Common ☐ Company specific

Regulation

View ▾

Name

No data to display

REACH SVHC
RoHS
ELV
GADSL
Batteries
Packaging
IMO
REACH Annex XIV
REACH Annex XVII
RoHS Future

Name	EU-Index	Einecs-No.	Node ID	Synonym	D/P	Entry	Limit Value	End date
No data to display								

Total records found 0

Cancel

Use the drop down field to select a regulation.

All regulation relevant Basic Substances (in our example RoHS) will be listed with their Name, CAS No., EU-Index, Einecs-Notext, IAEG Code, Node ID, Synonym, D/P (if declarable / prohibited or both depending on the application) as well as the regulations Entry date, Limit Value and End Date:

CDX - Compliance Data Exchange										
Regulation Overview										
☒ Common ☐ Company specific										
Regulation PROD: REACH Candidate List										
View Export										
Name	CAS No.	EU-Index	Einecs-No.	IAEG Code	Node ID	Synonym	D/P	Entry	Limit	
(1R, 2S, 5S, 6S, 9...	169102-57-2	-	-		34306	ISO 1043-4 FR(23)	D			
Ammonium perflu...	68259-10-9	-	269-513-7		86466	-	D			
Tetradecane, chloro	34214-85-2	-	-		84441	-	D			
Undecanoic acid, ...	110961-38-1	-	-		46155	-	D			
4-Nonylphenol, br...	-	-	-		82866	-	D			
2-[2-(Nonylpheno...	27176-93-8	-	248-291-5		30784	-	D			
3-(4-hydroxyphen...	17404-67-0	-	-		46179	-	D			
4-(1,1,3,3-Tetrame...	140-66-9	-	205-426-2		5321	Phenol, 4-(1,1,3,3...	D			
Chromium-trioxide	1333-82-0	024-001-00-0	215-607-8		1287	Chromic Anhydride	D			
Phenol, 4-tert-hep...	288864-02-8	-	-		41572	-	D			

As already mentioned, you can also export these results into a MS Excel file by using the **Export** button. This function requires a valid [CDX License](#).

RMD Search Options

Within the “CMD View” and “EMD View” you have the following search options – launched from the **Functions** menu or the respective toolbar button:

CMD/EMD Search

The following table lists the fields and definition of those fields available in the CMD/EMD Search.

Field	Description
Name, ID, Version, Date	
Name	The name of the CMD/EMD
CMD/EMD ID / Version	The CMD ID / EMD ID Select current to limit your search to the most recent version(s). Select All to return all results. Note, if searching for a supplier's data, it is a good idea to search on All as there may be higher versions from a system perspective that you do not have visibility to.
Node ID	System Generated – This refers to the actual location in the database where information about this CMD/EMD is stored. For the 0.01 version of the CMD/EMD, it will be the same as the ID
Template Version	Search CMDs/EMDs with specified template version
Only imported from Template	Search CMDs/EMDs which were imported from RMI CMRT/EMRT excel sheet (yes or no)
Declaration Scope	Search CMDs/EMDs with a certain Declaration Scope – use the drop down menu to select one of the following Declaration Scopes: Company, Product (or list of products), User defined.
Part/Item No.	Search CMDs/EMDs which are created with regard to a specific MDS by using the respective part/item no. You may also use the asterisk (*) to perform a wild card search.
Supplier Code	Search CMDs/EMDs with a certain Supplier Code. You may also use the asterisk (*) to perform a wild card search.
Status: accepted / internally released	Checking this box allows you to perform a date search based on when the CMD/EMD was accepted / released.
Status: created	Checking this box allows you to perform a date search based on when the own CMD/EMD was created.
From / To	Date range that you want to search through.
Supplier CMDs/EMDs	
Accepted CMDs/EMDs	Check the Accepted box if you want to search through supplier data that you have accepted.
Supplier	If the above box is checked, you will be able to search and select suppliers that you want to limit your searches to.

Field	Description
Own CMDs/EMDs	
Own CMDs/EMDs	Check this box if you want to search through your own company's CMDs/EMDs.
Last edited by me	Check this box if you want to limit your search to those that you were the last editor on.
Assigned Org Unit	If you want to limit your search to a single Org Unit, you can select it here whether or not the Org Unit is assigned to your User ID.
Assigned Contact	If you want to limit your search to a single supplier contact in your CDX company, you can select it here.

CMD/EMD Template Search

CDX support multiple RMI CMR/EMR template versions are supported. Users may import, export, create, and validate CMDs/EMDs based upon any template version published by RMI. To the user, the differences between template versions are transparent.

The following table lists the fields and definitions available in the CMD Template Search.

Field	Description
Version	The version of the RMI CMR/EMR template.
From / To	Date range for issue date of RMI CMR/EMR template from which to search.
Status	The status of the RMI CMR/EMR template: active or deactivated.
Type	The type of the RMI CMR/EMR templates: master or company specific. Master templates are "unpopulated" RMI CMR/EMR templates which are used within CDX as the basis for importing or exporting CMD/EMD Template. A user might select this to serve as a starting point for a new CMD/EMD. Company specific templates are completed RMI CMR/EMR templates populated by a specific company.
Conflict Minerals Declaration	Specific CMD name to search.
Extended Materials Declaration	Specific EMD name to search.

Template Version: Status: Conflict Minerals Declaration: from: mm/dd/yyyy to: mm/dd/yyyy Type:																																																																																																																															
View Menu Export <table> <thead> <tr> <th>ID</th> <th>Name</th> <th>Version</th> <th>Date of issue</th> <th>Conflict Minerals Declaration Name [ID]</th> <th>Company Name (Org Unit) [ID]</th> <th>current</th> <th>Deactivated</th> </tr> </thead> <tbody> <tr> <td>592</td> <td>RMI_CMRT_6.5.xlsx</td> <td>6.5</td> <td>4/25/2025</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>692</td> <td>Hubbell_CMRT_6.5_2024.xlsx</td> <td>6.5</td> <td>5/7/2025</td> <td>Hubbell_CMRT_6.5_2024 [312654]</td> <td>CDX Service Team (Germany) [0]</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>672</td> <td>RMI_CMRT_6.4.xlsx</td> <td>6.4</td> <td>4/26/2024</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>652</td> <td>RMI_CMRT_6.31.xlsx</td> <td>6.31</td> <td>5/26/2023</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>652</td> <td>JR_Demo_Error.xlsx</td> <td>6.31</td> <td>9/25/2023</td> <td>JR_Demo_Error [279827]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>652</td> <td>PL_CMRT-6.31_20230530_2.xlsx</td> <td>6.31</td> <td>5/30/2023</td> <td>PL_CMRT-6.31_20230530_2 [276848]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>632</td> <td>RMI_CMRT_6.3.xlsx</td> <td>6.3</td> <td>5/5/2023</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>632</td> <td>My_RMI_CMRT_6.3.xlsx</td> <td>6.3</td> <td>5/9/2023</td> <td>My_RMI_CMRT_6.3 [276516]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>612</td> <td>RMI_CMRT_6.22.xlsx</td> <td>6.22</td> <td>5/11/2022</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>612</td> <td>RMI_CMRT_6.22-demo MK.xlsx</td> <td>6.22</td> <td>6/20/2022</td> <td>RMI_CMRT_6.22-demo MK [265032]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>612</td> <td>NXP-CMRT.xlsx</td> <td>6.22</td> <td>7/27/2022</td> <td>NXP-CMRT [265031]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>592</td> <td>RMI_CMRT_6.2.xlsx</td> <td>6.2</td> <td>4/27/2022</td> <td>-</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>592</td> <td>My_CMRT_6.2 (1).xlsx</td> <td>6.2</td> <td>4/29/2022</td> <td>My_CMRT_6.2 (1) [263259]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> <tr> <td>572</td> <td>MyCMRT61 (4).xlsx</td> <td>6.1</td> <td>4/29/2021</td> <td>MyCMRT61 (4) [243758]</td> <td>CDX Service Team (Germany) [0]</td> <td>No</td> <td>No</td> </tr> </tbody> </table>								ID	Name	Version	Date of issue	Conflict Minerals Declaration Name [ID]	Company Name (Org Unit) [ID]	current	Deactivated	592	RMI_CMRT_6.5.xlsx	6.5	4/25/2025	-	CDX Service Team (Germany) [0]	Yes	No	692	Hubbell_CMRT_6.5_2024.xlsx	6.5	5/7/2025	Hubbell_CMRT_6.5_2024 [312654]	CDX Service Team (Germany) [0]	Yes	No	672	RMI_CMRT_6.4.xlsx	6.4	4/26/2024	-	CDX Service Team (Germany) [0]	No	No	652	RMI_CMRT_6.31.xlsx	6.31	5/26/2023	-	CDX Service Team (Germany) [0]	No	No	652	JR_Demo_Error.xlsx	6.31	9/25/2023	JR_Demo_Error [279827]	CDX Service Team (Germany) [0]	No	No	652	PL_CMRT-6.31_20230530_2.xlsx	6.31	5/30/2023	PL_CMRT-6.31_20230530_2 [276848]	CDX Service Team (Germany) [0]	No	No	632	RMI_CMRT_6.3.xlsx	6.3	5/5/2023	-	CDX Service Team (Germany) [0]	No	No	632	My_RMI_CMRT_6.3.xlsx	6.3	5/9/2023	My_RMI_CMRT_6.3 [276516]	CDX Service Team (Germany) [0]	No	No	612	RMI_CMRT_6.22.xlsx	6.22	5/11/2022	-	CDX Service Team (Germany) [0]	No	No	612	RMI_CMRT_6.22-demo MK.xlsx	6.22	6/20/2022	RMI_CMRT_6.22-demo MK [265032]	CDX Service Team (Germany) [0]	No	No	612	NXP-CMRT.xlsx	6.22	7/27/2022	NXP-CMRT [265031]	CDX Service Team (Germany) [0]	No	No	592	RMI_CMRT_6.2.xlsx	6.2	4/27/2022	-	CDX Service Team (Germany) [0]	No	No	592	My_CMRT_6.2 (1).xlsx	6.2	4/29/2022	My_CMRT_6.2 (1) [263259]	CDX Service Team (Germany) [0]	No	No	572	MyCMRT61 (4).xlsx	6.1	4/29/2021	MyCMRT61 (4) [243758]	CDX Service Team (Germany) [0]	No	No
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To view the content of a specific template click the template name in the search result table. The user is presented the option to open or save the specified template.

Do you want to open or save CFSI_CMRT3-01.xlsx from cdxsystem.com?

In search results, the options available from the context menu (or the mouse-right-click menu) vary based upon the CDX User profile and the template type displayed. For example, one list of options is shown to a CDX Company Administrator when a master template is displayed, while a different list is shown to a CDX User when

a company-specific template is displayed.

CMD/EMD Smelter and Mine Search

The following table lists the fields and definitions for the Smelter and Mine Search.

Field	Description
Smelter/Mine Name	The Smelter or Mine company name or known alias. CDX requires an exact character string match, so it is suggested a wild card search be performed if using this field.
RMI ID	The ID assigned by RMI for a certain smelter or mine.
CDX ID	The preferred method of searching for a smelter company – this is a numeric field and less prone to errors as the CDX ID is a system generated number.
DUNS Number	The smelter company's DUNS number.
Smelter/Mine Type	The type of entity. You can search for the following types: conflict free smelter defined by RMI, standard defined by RMI, registered = company in CDX, alleged entity defined by user in the CDX web application, No longer RMI listed. You can also search for “deactivated” entries by marking the respective field.
Zip Code	The Zip or Postal Code where the company is registered.
City	The City where the company is registered.
State / Province	The State or Province where the company is registered.
Country	The Country where the company is registered.
Metal	The metal the smelter or mine produces.
Source or ore	Source of the Conflict Mineral, either a mine or Scrap/recycled. (Available only for Smelters)

By double click on an item in the search result table, the entity detail view shows the company, facility and minerals related information. For Company Administrators, the history about defined mineral will be shown. In tab “Administration” details for alleged entity can be edit or add.

The screenshot displays the 'Administration' tab for the 'CMD Smelter Search'. It is divided into four main sections:

- Company Data:**
 - Smelter Name: Aurubis AG
 - Known alias: Aurubis, Norddeutsche Affinerie AG
 - Type: Conflict Free
 - Active: Yes
 - Status: Internally released
 - RMI 3.x Smelter ID: CID000113
 - RMI 2.x Smelter ID: 1DEU007
 - Smelter ID: 207793
 - DUNS Number: -
 - Street: -
 - City: Hamburg
 - State / Province: Hamburg
 - Country: Germany
- Facility Data:**
 - Name: Aurubis AG
 - Street: -
 - Mailbox: -
 - Zip Code: -
 - City: Hamburg
 - State / Province: Hamburg
 - Country: Germany
 - Contact person: -
 - E-mail: -
- Conflict Mineral:**
 - Name: Gold
 - Symbol: Au
 - Conflict Free: Yes
 - Source or ore: unknown
 - Active: Yes
 - Last Audit Date: 3/31/2023
 - Valid Until: 3/31/2024
 - CM Policy: [Link URL](#)
- Smelter History:**

View ▾

No.	Smelter Name	Smelter ID	Type	Version	Active	Last Modification	Status	Edit By (Company)
1	Aurubis AG	207793	Conflict Free	16	Yes	Mar 31, 2023 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
2	Aurubis AG	198944	Conflict Free	15	Yes	Jan 24, 2022 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
3	Aurubis AG	186525	Conflict Free	14	Yes	Mar 1, 2021 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
4	Aurubis AG	171166	Conflict Free	13	Yes	Feb 24, 2020 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
5	Aurubis AG	170522	Conflict Free	12	Yes	Jan 7, 2019 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
6	Aurubis AG	170241	Conflict Free	11	Yes	Jan 7, 2019 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
7	Aurubis AG	169702	Conflict Free	10	Yes	Jan 7, 2019 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))
8	Aurubis AG	169369	Conflict Free	9	Yes	Jan 7, 2019 12:00:00 AM	Internally released	Schaefer, Thomas (CDX Service Team (...))

In the CMD/EMD Smelter Search the Company Administrator can also create new alleged smelters using the button **Create smelter**. This can be done as already described in chapter “Add Alleged Smelters into CMD/EMD”.

CMD Smelter Search

Details

Administration

Smelter Facility

Company Name

Aurubis AG

Select Facility

Aurubis AG - Hamburg, Hamburg, DE

Facility Name

Aurubis AG

Known alias

Add

Aliases

Aurubis,Norddeutsche Affinerie AG

Remove

Smelter Type

Conflict Free (RMI)

Street

Zip or Postal Code

City

Hamburg

State / Province

Hamburg

Mailbox

Country

Germany

Contact Name

Contact E-mail

Is active

Yes

View

new

Edit

Delete

No.	Metal	Is Conflict Free	Active	Smelter Type	RMI 3.x Smelter ID	RMI 2.x Smelter ID	Mineral Source	Mine Name	Mine Country	Last Modification	Status
1	Gold (Au)	Yes	Yes	Conflict Free	CID000113	1DEU007	unknown	-	-	Mar 31, 2023 12:0...	Internally released

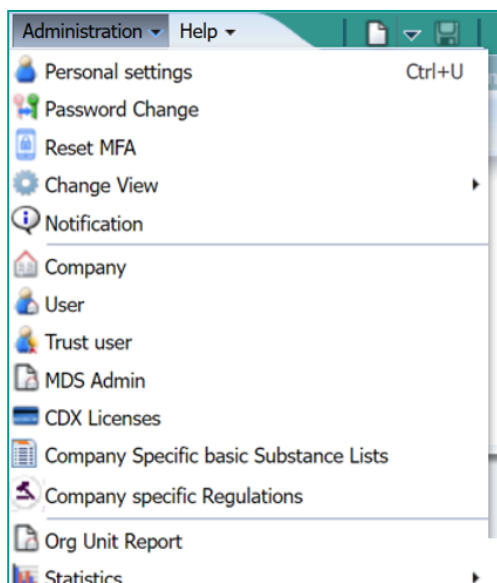
Company Search

The following table lists the fields and definition of those fields available in the **Company Search** in **Administration Menu**.

Field	Description
Company Name	The CDX company name – since the system must have an exact character string match, it is suggested that a wild card search be performed if using this field.
Company ID	The preferred method of searching for a company – this is a numeric field and less prone to errors as the Company ID is a system generated number.
Org Unit	The Org Unit name
DUNS Number	The Company's DUNS number.
IMDS Company ID	The Company ID for a company already registered in IMDS. With company registration in CDX, the companies can enter their IMDS company ID, but it's not mandatory. Therefore it's not guaranteed, that you will find the proper company.
Zip Code	The Zip or Postal Code where the company is registered in CDX.
City	The City where the Company is registered in CDX.
State or Province	The State or Province where the Company is registered in CDX.
Country	The Country where the Company is registered in CDX.
User Name	The last name of a User
User ID	The User ID of a User – It is highly recommended that people not share their User IDs so this field would be rarely used.
Only Root Companies	Marked by default – if you want to search also for Org Units, please unmark.
Similar Companies	Marked by default – if you want to search only for one specific company name only and you are sure it was inputted correctly, please unmark.

ADMINISTRATION MENU

The Administration Menu contains functions that concern User and CDX Company Administration and is available in both views (MDS and CMD) as shown in the following figure. Some of the menu items are only visible for Company Administrators.



Personal Settings

It is important to maintain your contact information in CDX. Every user can do this through the **Administration > Personal Settings** option. This is also where you will find the tools to verify your email address, a critical step for account security. Additionally, since you may not want to log into CDX every day, you can use this option to tell CDX to send you emails when certain events occur.

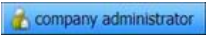
Let's start by looking at your contact information:

It is important that the Telephone include all country dialing codes. This is a global system and users in another country need to know your entire number (including country code) to reach you.

The field "Title" can be filled with a title, which is mandatory for a CMD Authorizer. With regard to Data Protection, every user needs to decide and confirm in the Personal Settings, whether his personal data should be displayed for diverse functions or not. Also every user needs to mark, if he/she wants to act as a Contact Person or a CMD Authorizer. Contact Persons need to be designated by the Company Administrator in the User Administration. If the Company Administrator marked you as a Contact Person, you will see this in your Personal Settings. Only if you confirmed to act as a CDX contact, you can be selected as a contact in CDX.

In order to keep the display of notification about not yet browsed MDSs in Inbox after the login, check the "Notification" check-box, or uncheck it to take it off.

A CDX User account will be deactivated either when the "Valid until" date for the account has been reached or the User has not logged into CDX within the last 12 months. In both cases, the User and the Company Administrator receive email notifications that the account will expire in the next few days. **As a user, make sure to login to CDX every few months, check the accuracy of your user information, and check with your CDX Company Administrators quarterly to ensure your "Valid until" date is not set to expire soon.**

Using the button  at the bottom of the window, you can quickly identify all administrators in your company by having a list of them in a new section "Company Administrator data". You can view or export the list to contact these users directly.

company administrator ✓ OK ↺ Cancel

Customize Email Notifications

The lower part is where you can subscribe to certain alerts, so that when the condition is met, the system sends you an email.

company administrator ✓ OK Cancel

Request rejected

Own Conflict Minerals Declaration (CMD) Request due

days

CMD Bulk Request

Conflict Minerals Declaration (CMD) Request received

Received CMD Request due

days

Conflict Minerals Declaration (CMD) rejected

Conflict Minerals Declaration (CMD) accepted

Conflict Minerals Declaration (CMD) received

☒ receive daily summary AND individual CMD notifications
 ☐ receive ONLY daily summary
 ☐ receive NO daily summary

company administrator

OK

Cancel

Request rejected

Own Extended Minerals Declaration (EMD) Request due

days

☐ receive daily summary AND individual EMD notifications
 ☐ receive ONLY daily summary
 ☒ receive NO daily summary

The following describes when an email will be sent:

Newsletter: Checking this box will sign you up for the CDX newsletter. This newsletter is sent out periodically and contains important user information.

Filter Option: A user, who is assigned to an Org Unit, may decide to receive an email for the following events only if his Org Unit is affected.

MDS or Conflict Minerals, Extended Materials Declarations:

- MDS / CMD / EMD Request rejected: You can sign up to be notified when any Request created in your company is rejected or just those created by you.
- Own MDS / CMD / EMD Request due: You can sign up to be notified when any Request created in your company is due or just those created by you and you can set how much in advance you want to be notified.
- MDS / CMD / EMD Bulk Request: You can sign up to receive an email notification when you have uploaded an MDS / CMD bulk request. The email includes an attached pdf document with all information about your bulk request.
- MDS / CMD / EMD Request Received: You can sign up to be notified when your company receives an MDS Request.
- Received MDS / CMD Request due: You can sign up to be notified when a Request received by your company is due and set a number of days in advance that you want to be notified.
- MDS / CMD / EMD rejected: Checking this box will have the system notify you when a sent or proposed MDS is rejected.
- MDS / CMD / EMD accepted: Checking this box will have the system notify you when a sent or proposed MDS is accepted.
- MDS / CMD / EMD received: Checking this box will have the system notify you when an MDS is received by your company.

There are three distinct types of subscriptions available for receiving notifications for all actions within an MDS or Conflict Minerals Extended Materials Declarations:

- "receive daily summary AND individual MDS notifications" - By selecting this option, the user will receive all notifications based on their selected subscriptions as well as a summary email of all notifications the following

morning.

- "receive ONLY daily summary" - By selecting this option, the user will not receive any real-time event notifications. Instead, a summary email comprising all the notifications that the user would have received based on their selected subscriptions will be sent the following morning.
- "receive NO daily summary" - By selecting this option, the user will receive all notifications based on their selected subscriptions, and no summary email will be sent. This option is pre-selected as the default.

The appearance of received MDS Summary Notification emails will be as follows:

Notification summary (CDX Modeloffice 1)



cdx-mailer@cdxsystem.com
To  Tarif, Aya Allah

 Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Dear Ayatallah Tarif,

This is the **summary of notifications** for the period : **Mon 20 Feb 23 – Tue 21 Feb 23** to company : CDX Service Team (Germany) (0).

Notification summary

MDS Request	
MDS Request received	2
MDS Request rejected	0
Own MDS Request due	0
Received MDS Request due	0
MDS Bulk Request	0
MDS	
MDS Received	1
MDS Accepted	0
MDS Rejected	0

Best regards,
Your CDX Team

The appearance of received CMD Summary Notification emails will be as follows:

Notification summary (CDX Modeloffice 1)



cdx-mailer@cdxsystem.com
To  Tarif, Aya Allah

 Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

This is the **summary of notifications** for the period : **Tue 7 Feb 23 – Wed 8 Feb 23** to company : CDX Service Team (Germany) (0)

Notification summary

CMD Request	
CMD Request received	1
CMD Request rejected	0
Own CMD Request due	0
Received CMD Request due	0
CMD Bulk Request	0
CMD	
CMD Received	0
CMD Accepted	0
CMD Rejected	0

Best regards,
Your CDX Team

CDX Expiry Notification (only Company Administrator): When checking this box, the system will notify you when one of your company's users reaches the valid end date.

Basic Substances: When you subscribe for Substance Group and/or Regulation Changes you will receive regular

(once a month) system generated emails about such changes.

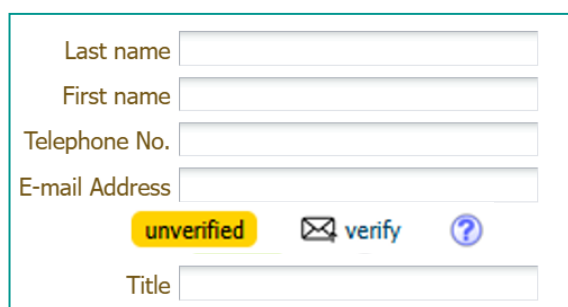
Email Address Verification

To enhance account security, users can verify the email address associated with their account. The process is initiated from the User Settings menu. There are two primary ways to do this.

To verify your current email address:

Use this method if you want to verify the email address already associated with your account.

1. Navigate to your **User Settings**.
2. Under the e-mail address, you will see your current email address with a yellow "unverified" status tag



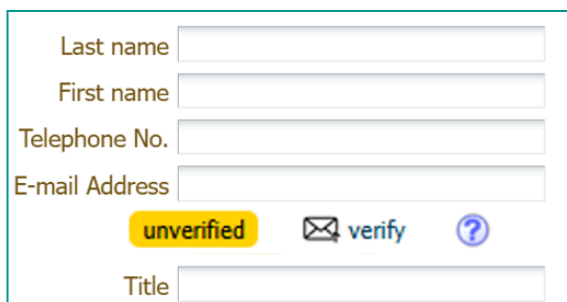
The screenshot shows a form with the following fields: Last name, First name, Telephone No., E-mail Address, and Title. The E-mail Address field is highlighted with a yellow 'unverified' tag and a 'verify' link (envelope icon) next to it. A help icon (?) is also visible.

3. Click the **verify** link (envelope icon) to begin.

To change and verify a new email address:

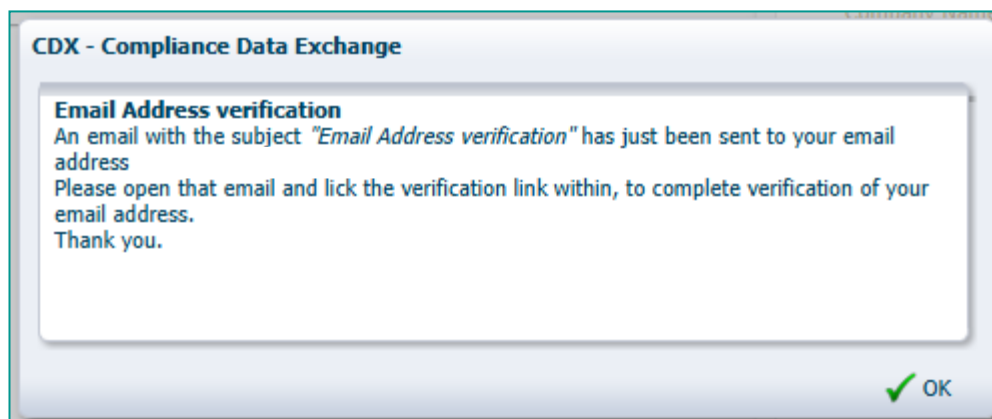
Use this method if you need to update your email address and verify the new one.

1. Navigate to your User Settings.
2. Click into the e-mail address field and type your new email address.
3. Click the **OK** and then **verify** to save your changes and trigger the verification.



This screenshot is identical to the one above, showing the User Settings form with the 'unverified' status tag and 'verify' link for the email address field.

After initiating either method, an informational popup will appear to confirm that the email has been sent and to which address.



Your status will immediately change to "in verification," and an option to resend the email will become available.

Last name

First name

Telephone No.

E-mail Address

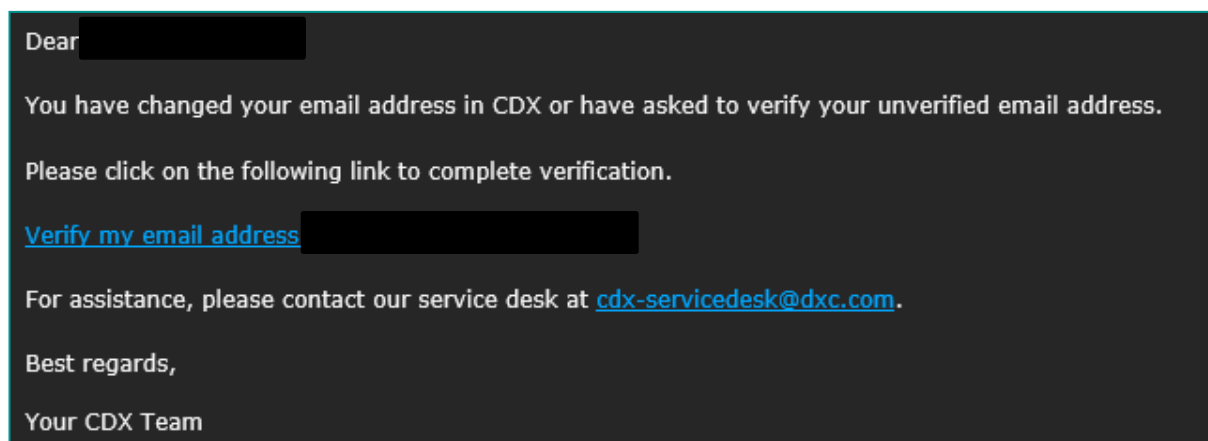
in verification

✉ resend

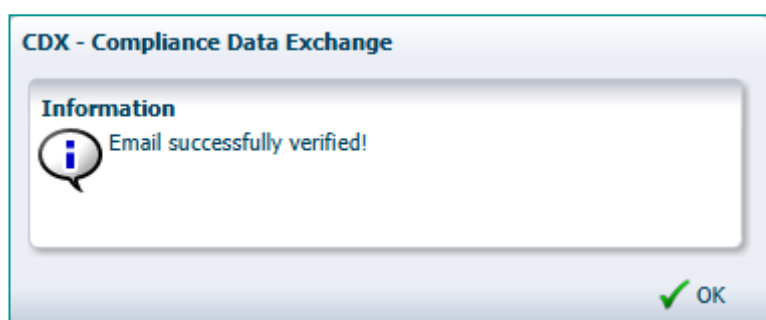
?

Title

Click the unique verification link sent to your inbox



Message will indicate if the verification was successful, and your status in the User Settings window will update to "verified."



Last name

First name

Telephone No.

E-mail Address

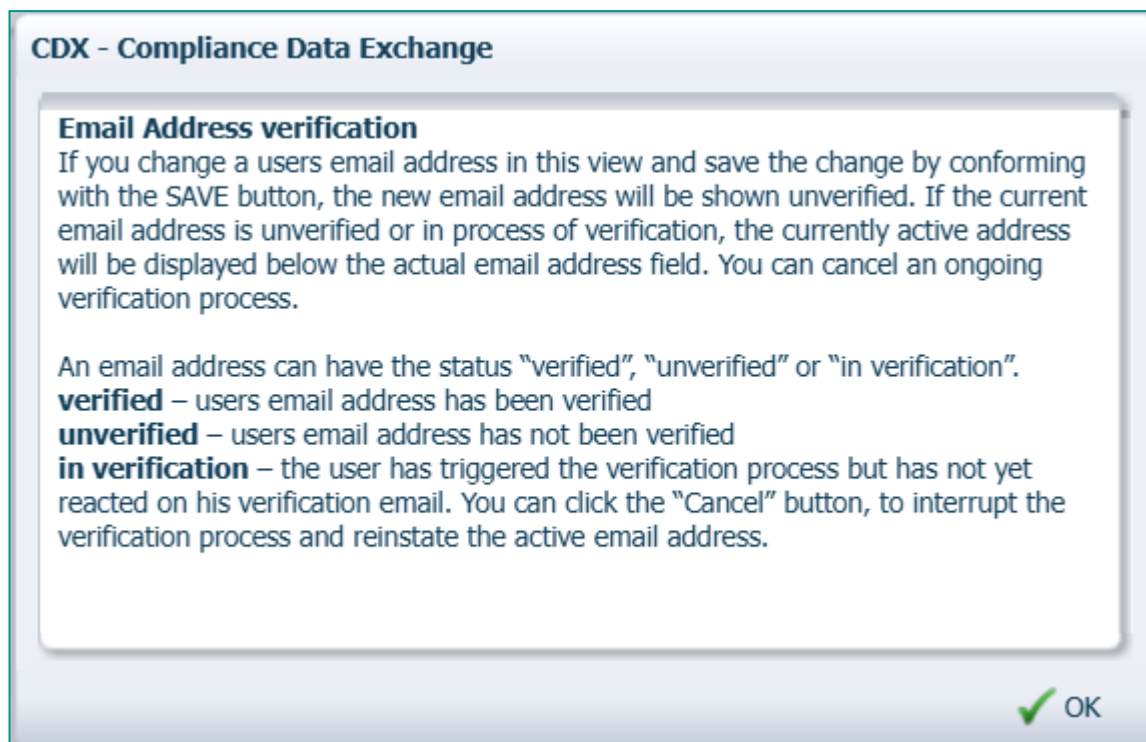
verified

?

Title

Company Administrators can also manage this process. From the Administration -> User menu, an admin can search for a specific user and view their email status. Depending on that status, the admin has the option to cancel a previously verified email or invalidate an ongoing verification process.

Please note that a user's email is automatically verified upon confirming their company registration. If you request multiple verification emails, only the link in the most recent email will be active. For quick reference, help buttons are available in both the User Settings and Selected User windows to launch a dialog explaining the entire process.



Password Change

Every CDX user can change his/her current password with this menu.

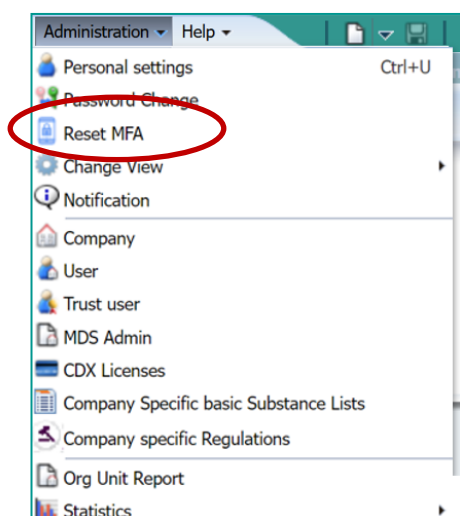
Reset MFA

CDX provides users with the ability to reset their MFA one-time password (TOTP) when necessary, such as when setting up access on a different device or for personal reasons. Additionally, Company Admins are empowered to reset the MFA one-time password (TOTP) for any user within the company.

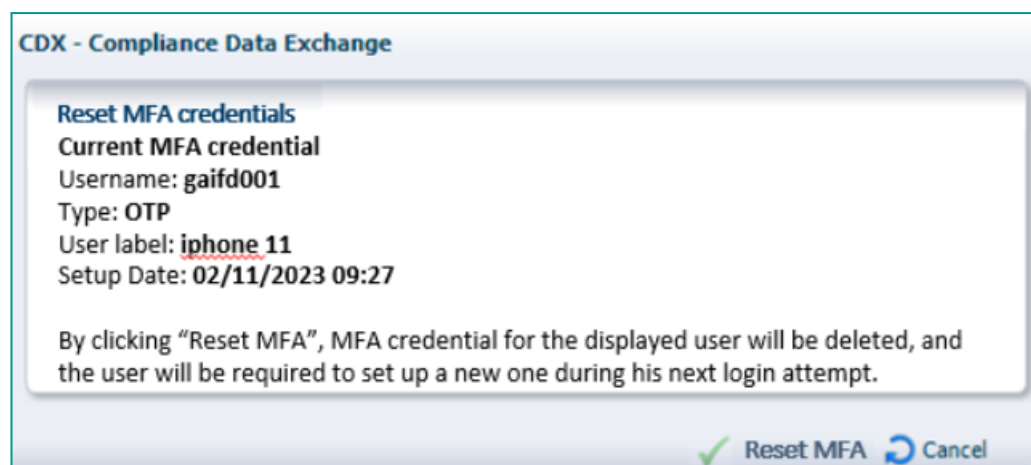
MFA reset by Standard User

As a Standard User, you can reset your MFA one-time password (TOTP) in CDX. Follow these steps to initiate the reset:

1. Navigate to the "Administration" menu in CDX and select "Reset MFA".



2. Upon selecting this menu entry, a new dialog titled "Reset MFA Credentials" will appear.



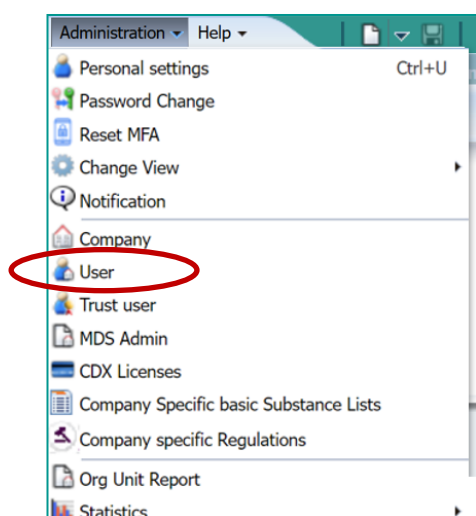
3. The dialog displays information about the user's existing MFA credential.
4. To cancel the operation, click on "Cancel" in the dialog, and no action will be taken.
5. To proceed with the reset, click on "Reset MFA." This action will delete the MFA credential for the displayed user.

After the reset, the user will be prompted to set up a new MFA credential during their next login attempt.

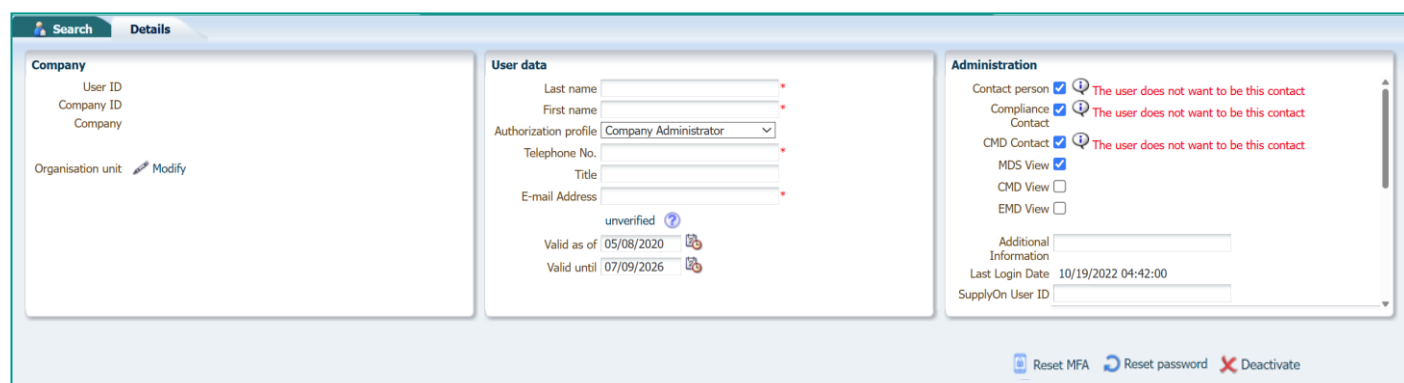
MFA reset by Company Administrator

As a Company Administrator, you can reset the MFA one-time password (TOTP) in CDX for users within your company. Follow these steps to initiate the reset:

1. Navigate to the "Administration" menu in CDX and select "User".

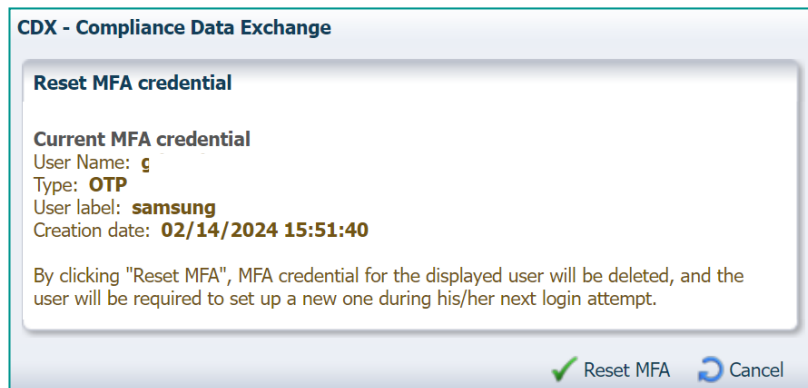


2. In the User screen, search for the specific user and double-click on the search result to access that user's Details tab.



3. To proceed with reset, select **"Reset MFA"**.

4. Upon selecting this menu entry, a new dialog titled "Reset MFA Credentials" will appear.



5. The dialog displays information about the user's existing MFA credential.

6. To cancel the operation, click on "Cancel" in the dialog, and no action will be taken.

7. To proceed with the reset, click on "Reset MFA." This action will delete the MFA credential for the displayed user.

After the reset, the user will be prompted to set up a new MFA credential during their next login attempt.

Change View

With CDX you can manage Material Data Information (MDS) as well as Responsible Materials Information (Conflict Minerals Information (CMD) and Extended Materials Information (EMD)). To simplify the look and feel of CDX and provide more logical access to RMD and MDS functionality, you can select here or with the Settings button (⚙️) in the Toolbar the menu view according to your personal needs. If you work only with CMD or EMD, you should set up the "CMD and EMD View". If your focus is more on MDSs, please use the "MDS View". The "MDS View" is preset as default view.

Notification

This menu item will present you with current messages from the system.

Company Administration

Only users with a profile of Company Administrator will have access to this menu. This menu item is where you maintain the important information about your CDX company such as name and address, and DUNS number. You may also create Org Units with this function. Org Units will not work unless you add the Org Unit to Users IDs after creating the Org Unit. When you view the details of your company, the screen will look similar to the following:

Search Details

CDX Service Team (Germany) (0)

Org Unit

Expand all Collapse all

Name Zip Mailbox

Company 0 ID City Country

DUNS State / Province Expiry Range

Number Street History

SCIP Uploads

Upload S2S Key

Upload File

Company Name DXC.Technology - EntServ Deutschland GmbH

Last Uploaded Time 05/09/2021 14:40:41

Add all organization units ☐

SCIP Compliance ☒

SCIP Safe Use Instruction Default statement

Received part referencing type ☒ Vendor SCIP number ☐ Customer SCIP number

Company Policy Administration

View

Company Policy Name	Company Policy Version	Creation date	active	Last activation	Creator	Filename	File
Testpolicy	v1	02/17/2025 08:04:10	No		Kundrakne Varga, Tunde	Customer Policy - CDX - v.3....	pdf
Testpolicy	V2	08/07/2025 08:26:12	Yes	08/07/2025 08:26:21	Kundrakne Varga, Tunde	showpdfservlet.pdf	pdf

Projects

Project Name

View

Project Name Deprecated active

No results found for these search parameters.

Project details

Name

Total records found: 0

Quality Criteria

Maximum allowed % of confidential substances Automatic weight update ☒

Severity ☐ Error ☒ Warning

Maximum allowed % of joker substances 100% declaration ☒

Severity ☐ Error ☒ Warning

Maximum allowed % of tolerance

Severity ☒ Error ☐ Warning

Days before accept **Please enter number for business days**

Regulation

Common ☐ Otest ☐ Otest ☒ AD-DSL ☐ AutoReg ☐ Batteries ☐ Biocide Product Regulation ☐ California Proposition 65 ☐ Conflict Minerals

Display and check QL ☐

Company specific ☐ AD&S Spec ☐ Bosch PT ☐ ExemptionTest ☐ GADSL ☐ HPE new Regulation ☐ HPE_Test_GF_01 ☐ MS TEST REG GROUP

Confirmation required ☒

Query list/s questions answering required ☐

On the right side of the window is the company registration information. You cannot change the company **Name** or Company-**ID**. If you need to change the company name, you can send a request to the [CDX Service Desk](#) and if it meets certain criteria (such as uniqueness and length), a Service Desk Agent will change it for you. The Company ID is a unique number and cannot be reassigned.

Additionally Bosch supplier companies see a "Bosch Supplier no." and a "SupplyOn SPIN ID" in their screen. They are system generated and cannot be changed. Without those numbers you are not able to add Bosch as a recipient to your MDSs, CMDs or requests.

All of the other information is for you to maintain. For "Expiry Range" you can choose the time frame, how long a newly created user account will be valid. That means, every user you create will get an expiry date. You can choose, if this will be in 90, 180, 365, 730 days.

SCIP Uploads

Next section is "**SCIP Uploads**" – this section consists of some configuration parameters related to SCIP dossiers' uploads performed by your company to the SCIP database.

Upload S2S Key – this is a pre-requisite to upload your SCIP dossiers directly to the SCIP database. The file includes 3 columns: Legal Entity Name, Legal Entity UUID and the key. The file can be uploaded countless times, every time the data will be overridden. Please upload your S2S Key (csv file) by using the button. . Your company name as defined in the SCIP database and the last time the S2S Key file was uploaded, are displayed. Since the S2S Key can be overridden, you will know the last time the file was uploaded. Additional information can be found at ECHA website: <https://echa.europa.eu>

Add all organization units – with that checkbox being selected, the system will automatically add all organization units belonging to your company to (Entities Selling Product) section of (Supplier data) tab in your newly created MDSs.

In addition, there exists a field called " SCIP Compliance" which is the default value for the SCIP Compliance checkbox in the MDS Request and MDS Datasheet. Please check this field, if your company requires SCIP compliant submissions.

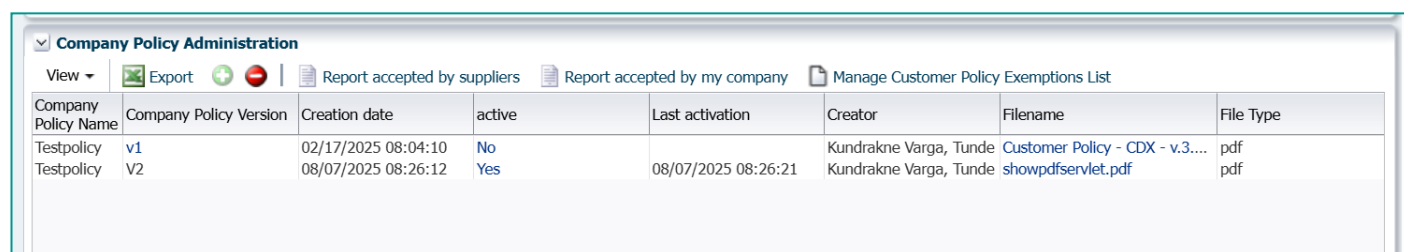
Each company can specify a generic Safe Use Instruction Text, so that CDX generated SCIP Dossiers might use this text instead of the SCIP default "no safe use instruction", as this is implying a legal statement.

Received part referencing type – Choose which SCIP number shall be used when referencing a received sub-part that has both a vendor provided SCIP number (generated by supplier) as well as customer provided SCIP number (generated by your company).

Customer Policy Administration

CDX allows user to create and maintain customer-specific policies, such as Terms of Use or similar documents, that can be provided to supplier users for their consent.

The **Customer Policy Administration** section is available in the Company settings screen, where all policy-related tasks are managed. Exactly one policy per customer is defined as the **default** policy. Additional policies can be created as **supplier-specific** policies and are assigned to a single supplier company.



Company Policy Administration							
View ▾ Export Report accepted by suppliers Report accepted by my company Manage Customer Policy Exemptions List							
Company Policy Name	Company Policy Version	Creation date	active	Last activation	Creator	Filename	File Type
Testpolicy	v1	02/17/2025 08:04:10	No		Kundrakne Varga, Tunde	Customer Policy - CDX - v.3...	pdf
Testpolicy	V2	08/07/2025 08:26:12	Yes	08/07/2025 08:26:21	Kundrakne Varga, Tunde	showpdfservlet.pdf	pdf

Adding a New Policy

- To begin, select the green "+" (plus) button.
- Upon clicking, a policy admin dialog will emerge, requesting you to input the necessary information. Please enter a distinct policy name, comprising a minimum of 5 characters, and include a policy version designator (free text).

- Next, upload the PDF file you wish to associate with the policy version.

- To proceed, click the "**Create new policy**" button.
- Before finalizing the process, a virus scan will be conducted to ensure the file's safety. If any issues arise during the scan or if required fields are left unfilled, a notification popup will appear, and the policy creation process will be paused.

- In case you choose to abort the operation, simply click the "Cancel" button, and the popup will close without any changes being applied.

Note:

- Multiple versions of a policy are not allowed.
- Policy name or version name cannot be changed after creation.
- Only the root company can own/maintain a policy.

The new policy is created and shown in the list.

When a customer creates the **first** customer policy, this policy is created as the **default** policy for this customer.

If a default policy already exists (active or inactive), any additional policy created is a **supplier-specific policy**. In this case, the **Assigned Supplier** field must be selected before saving.

The **Assigned Supplier** field can only be changed by pressing Select, which opens the standard Company Search dialogue for selecting exactly one supplier company.

CDX - Compliance Data Exchange

Company

Company Name Zip Code User Name
 Company ID City User ID
 Org Unit State / Province
 DUNS Number Country only root companies ☒
 IMDS Company ID Supplier Code similar companies ☒

Search

View

Company Name	Org Unit	ID	Country	Zip Code	City	State / Province
No data to display						

Menu Total records found 0

Apply Cancel

Company Policy Administration

Create Supplier Specific Policy 

* Company Policy Name
 * Company Policy Version
 Company Policy File Policy_test.pdf
 Assigned Supplier Demo_MK [2938]

 Create new policy  Cancel

If the selected supplier company is already assigned to another supplier-specific policy, a message is displayed and the assignment is rejected. The user remains in the Company Search dialogue and can select a different supplier.

CDX - Compliance Data Exchange

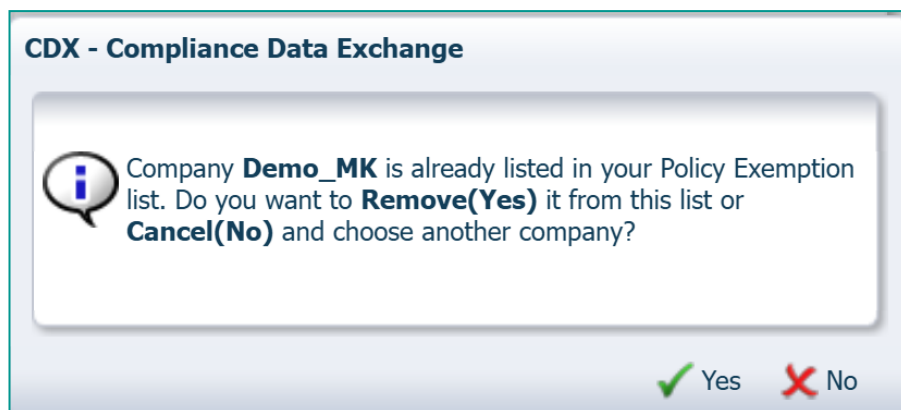
Information

 You already have assigned a Special Company Policy to **Demo_MK [2938]**. Only one Special Policy can be assigned to the same Supplier.

 OK

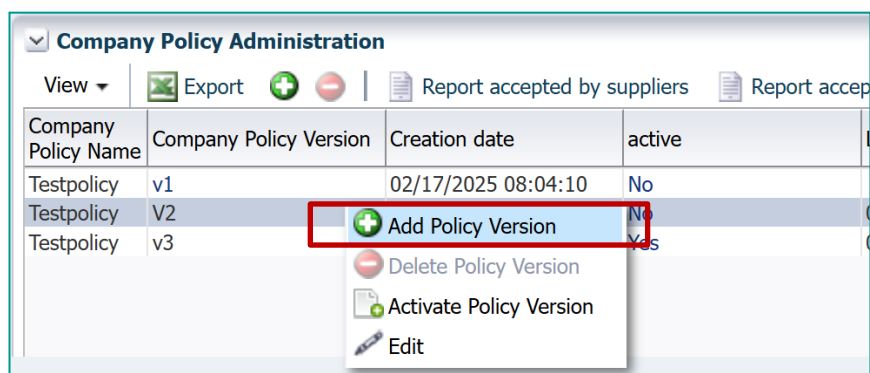
If the selected supplier company is listed in the company's policy exemption list, a message informs the user that the company is exempted.

- If **Yes** is selected, the supplier-specific policy is created and the company is removed from the exemption list.
- If **No** is selected, the company remains in the exemption list and the user can select a different supplier.

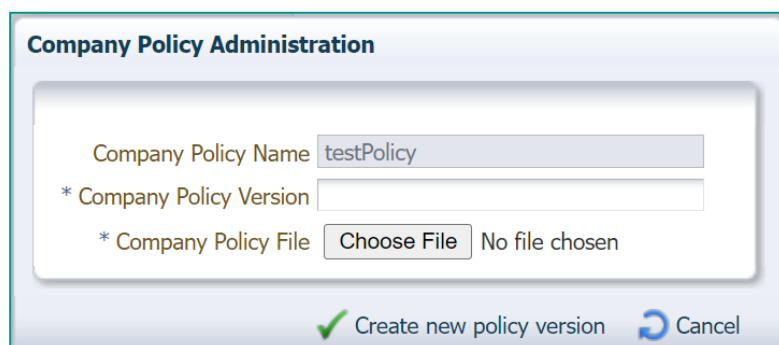


Adding a New Policy Version

To add a new version to an existing policy, right-click on the policy version and select **Add Policy Version** from the context menu.



This will open the policy admin dialog with the policy name pre-populated and read-only. You will need to enter a unique policy version designator (free text) and upload a PDF file for the new version. Click "Create new policy version" to create the new version, which will be inactive by default.



When a new policy version is created for the default policy, it applies to all suppliers that are not assigned to a supplier-specific policy and are not listed in the policy exemption list.

When a new policy version is created for a supplier-specific policy, it applies only to the supplier shown in the **Policy Scope** field.

Only one version per policy can be active at a time. The system prevents activating more than one version for the same policy.

Company Policy Administration

Company Policy Name

Test1

* Company Policy Version

01

* Company Policy File

Choose File

No file chosen

Assigned Supplier

test56 [3271]

Select

✓ Create new policy version

↺ Cancel

Edit Policy

To edit an existing policy version, right-click on the policy version row and select **Edit Policy** from the context menu.

Alternatively, double-click the policy name (hyperlink) in the **Policy Name** column to open the **Edit Policy** dialogue.

The dialogue allows changing the active state of the selected policy version and, depending on the status of the policy, updating the attached PDF file.

Renaming a policy or policy version is only possible if the policy (any of its versions) or version has not been accepted by any supplier and if the policy versions are inactive.

Renaming a policy or policy version and replacing the file is only possible if all policy versions are inactive and none of the versions have been accepted by any supplier.

If any version of the policy is active or has been accepted by a supplier, the corresponding fields in the dialogue are read-only.

Company Policy Administration

Edit Policy (Test1 v01)

?

* Company Policy Name

Test1

* Company Policy Version

01

Company Policy File

Choose File

No file chosen

Policy Scope

test56 [3271]

Is active

☐

Creation date

05/26/2026 08:57:59

Last activation

✓ Apply

↺ Cancel

Activating or Deactivating a Policy Version

By default, newly created policies are inactive. To activate a version, locate the respective row in the list box and click on **No** in the **Active** column.

Company Policy Administration			
View ▾ Export Report accepted by suppliers Report accepted by my company			
Company Policy Name	Company Policy Version	Date Created	active
Term of Use	01	8/3/2023	No

- Similarly, to deactivate an active version, click on the word **Yes** in the **Active** column of the respective row.

Company Policy Administration			
View ▾ Export Report accepted by suppliers Report accepted by my company			
Company Policy Name	Company Policy Version	Date Created	active
Term of Use	01	8/3/2023	Yes

- Changes made to the active/inactive status need to be confirmed by clicking the "Save" button in the company screen to persist the changes.

A policy version can also be activated or deactivated via the **Edit Policy** dialogue.

Company Policy Administration

Edit Policy (Testpolicy vV2)

Company Policy Name

Testpolicy

Company Policy Version

V2

Company Policy File

showpdfservlet.pdf

Is active

☐

Creation date

08/07/2025 08:26:12

Last activation

08/07/2025 08:26:21

Apply

Cancel

Deleting a Policy

To delete a policy version, highlight the inactive version row in the list box and click the "-" (minus) button. This will open the "Delete Policy Version" dialog, which will display a warning message. Click "Delete" to remove the version from the list box and mark it for deletion. Alternatively, right-click on the inactive version and select "Delete Policy Version" from the context menu.

Delete Company Policy Version

Do you want to delete Version "ver1" of policy "testPolicy"?

Note: Deletion will be effective by clicking the **SAVE** button on the Company screen.

Delete

Cancel

The "-" (minus) button will only be active if the selected policy version is inactive and has not been accepted by any company.

All changes made to policies and versions need to be saved by clicking the "Save" button in the Company Settings to persist the changes.

Viewing Policy Acceptance Reports

To monitor supplier policy acceptances, click the "Report accepted by suppliers" button in the Customer Policy Administration section. A popup window displays all policy acceptances with details including company information, signed dates, policy details, and signee names.

Company Policy Administration

View

Export

Report accepted by suppliers

Report accepted by my company

Manage Customer Policy Exemptions List

Company Policy Name	Company Policy Version	Creation date	active	Last activation	Creator	Filename	File Type
Testpolicy	v1	02/17/2025 08:04:10	No	02/02/2026 13:10:31	Kundrakne Varga, Tunde	Customer Policy - CDX - v.3...	pdf
Testpolicy	V2	08/07/2025 08:26:12	No	08/07/2025 08:26:21	Kundrakne Varga, Tunde	showpdfservlet.pdf	pdf

Report accepted by suppliers

☐ active

Policy Name

None

▼

Policy Version

None

▼

View

▼

 Export

Company Name	Company ID	Signed Date	Policy Name	Policy Version ID	Policy Version	active

Total records found 2

 Cancel

Filter the report by:

- Active checkbox: Display only active policy versions
- Policy Name: Select a specific policy (all versions shown)
- Policy Version: Select a specific version (only available after selecting a policy)

Click "Export" to generate an Excel file of the displayed report data. All filters applied to the view will be reflected in the exported file.

Users can also access "Report accepted by my company" to view policies their own company has accepted from customers. This report follows the same filtering and export functionality, with additional filters for Customer Name and Signee Name.

Report accepted by my company

☐ active

Customer Name

None

Signee Name

None

View

Export

Company Name	Company ID	Signed Date	Policy Name	Policy Version ID	Policy Version	active	Signee Name

Total records found 8

Policy Exemption List

To handle scenarios where policy agreements are managed externally (outside of CDX), the system allows administrators to exempt specific suppliers from the in-application policy check. This ensures that designated suppliers can submit declarations without being blocked by the system's automated policy validation.

Suppliers added to this exemption list can send or propose an MDS immediately, skipping the policy acceptance screen entirely. These exemptions are strictly stored at the Root Company level; if the administrator selects a specific Organization Unit during the setup, the system automatically extracts and applies the exemption to the corresponding Root Company to ensure consistent application across the supplier's organization.

If a supplier on the exemption list is selected as Assigned Supplier when creating a supplier-specific policy, the system displays a message and asks whether the supplier should be removed from the exemption list and assigned to the new policy.

Managing Exemptions:

1. Click the Manage Policy Exemption List button.

Company Policy Administration

View ▾ | Export + - | Report accepted by suppliers | Report accepted by my company | Manage Customer Policy Exemptions List

Company Policy Name	Company Policy Version	Creation date	active	Last activation	Creator	Filename	File Type
Testpolicy	v1	02/17/2025 08:04:10	No	02/02/2026 13:10:31	Kundrakne Varga, Tunde	Customer Policy - CDX - v.3....	pdf
Testpolicy	V2	08/07/2025 08:26:12	No	08/07/2025 08:26:21	Kundrakne Varga, Tunde	showpdfservlet.pdf	pdf

2. A pop-up window displays all currently exempt companies. You can toggle their status between Active and Inactive directly in this list.
 - *Active*: The supplier bypasses the policy check.
 - *Inactive*: The supplier must accept the policy in CDX as normal.

Manage Customer Policy Exemptions List		
View ▾	Export	 
Company Name	Exempted Company ID	Exempt From Policy Acceptance
PM Global	12	☒
SB 01	123	☒
		Total records found 2
		

3. Add Supplier: Click the  button to open the company search. Search for the desired company or organization unit. Upon selection, the system identifies the Root Company and adds it to the list with an **Active** status by default.

Saving Changes

All changes made in the Customer Policy Administration section will remain in memory until you click the  "Save" button for the Company Settings. Once you click "Save," the changes will become permanent.

Creating Projects

If you use projects, the first step is to create the project. Projects are grouping criteria for requests and are valid company wide. With the "New" button you can create new projects. For this you have to give the project a name and press . The project name appears in the table and I still have the option to mark the project as obsolete. The second column shows how many MDSs are assigned to each project. With the right mouse button the project can be edited.

Quality Criteria

Quality Criteria introduces "max allowed range" for joker and confidential substances in company administrator. This will support the functionality where companies decide to override the CDX default thresholds. Quality Criteria define whether exceeding allowed ranges / tolerances will yield "error" or "warning" and support the functionality where companies may decide to not allow their suppliers to send MDSs that have issues with weight tolerances resp. substance ranges. Quality Criteria have a separate section in Company Administrator and can be set on an organizational unit level.

Automatic acceptance

The company administrator can activate the automatic acceptance of new MDSs in the company's Inbox

- **Days before accept:** By entering a number in this field, the administrator defines after how many days all newly received MDSs should be automatically accepted. The value can be zero (empty) or any digit including "0". Default value null = no automatic acceptance. If the field is empty, the automatic job is disabled.
- **Enable auto-accept for:** To activate the job, the user must select at least one MDS type from the checkbox list: Component, Semi-Component, or Material. This allows companies to restrict auto-acceptance to specific

datasheet types only. If no type is selected, the "Days before accept" configuration will not function.

This configuration is set at the root company level, and organizational units inherit the setting by default. However, users can override and define different auto-accept settings for individual organizational units.

In addition, there is an ["automatically accepted"](#) checkbox (in read mode) in the receiver's MDS detail screen that indicates whether the MDS has been accepted by the job or manually by the user.

Additional configurations

- **Automatic Weight Update:** When creating an MDS or updating an MDS using webservice, and the company administrator sets the **"automatic weight update"**, which is "off" by default, to "on", all nodes that do not contain measured weights will be assigned the calculated weight, provided references are made to supplier or own MDS that themselves contain weight information (measured weight = calculated weight). The adding / referencing of nodes in the UI shall not have such a mechanism.
- **100% Declaration:** If flagged own MDSes will by default be created as 100% declarations, but this is not enforced flagged, suppliers are requested to submit **100% declarations** only. This can be configured as an information (warning) or error in the check rule configuration. If set to error, suppliers will not be allowed to send non 100% declaration to your company. When creating new MDSes it shall automatically set them to "100%" flagged as configured in the company administrator. If the 100% flag is set, this applies to all OrgUnits available but is configurable.

Quality Criteria

Maximum allowed % of confidential substances

Severity ☐ Error ☒ Warning

Maximum allowed % of joker substances

Severity ☐ Error ☒ Warning

Maximum allowed % of tolerance

Severity ☐ Error ☒ Warning

Enable auto-accept for Component ☒ Semicomponent ☒ Material ☒

Days before accept

Automatic weight update ☒

100% declaration ☒

Regulation

The Company Administrator can select (either for the whole company or specifically for every single Org Unit), if suppliers have to provide information with regard to regulations and if their confirmation is required. The list of available regulations is continuously updated to reflect market trends and customer requirements. Common examples currently supported include REACH Annex XIV, REACH Annex XVII, RoHS Future, REACH SVHC, AD-DSL, IEC62474, RoHS, ELV, California Proposition 65, GADSL, Batteries, Packaging, and IMO, among others.

If your company requires company specific regulations to be considered, please use the [Company Specific Regulations](#) menu to add new or change existing regulations for your company.

Regulation

Common

☐ AD-DSL
☐ AutoReg
☐ Batteries
☐ Biocide Product Regulation
☐ California Proposition 65
☐ Conflict Minerals
☐ ELV
☐ ELV-IMDS
☐ EU POP Regulation Test
☐ ExemptionThresholdExceeded
☐ Foo
☐ GADSL
☐ GADSL-P

Display and check QL

☐ AD&S Spec
☐ Bosch PT
☐ ExemptionTest
☐ GADSL
☐ HPE new Regulation
☐ HPE_Test_GF_01
☐ MS TEST REG GROUP
☐ MS Test
☐ MS_Test_Reg_Vers
☐ MyNewTestReg
☐ NHSReg_Mof2Test
☐ NHS_REF_TEST

Confirmation required

☐
☐ Query list/s questions answering required

Companies can choose either or not to mandate answering each question in the query list/s of common regulations in scope by the supplier before they send back the data to their recipient/s by the use of this checkbox (**Query list/s questions answering required**).

When the **"Display and Check QL"** checkbox is checked any company-specific regulations defined in the company settings that have related Query Lists (QL) will be displayed in the ingredient tab.

- When the user runs a check against the filled data, the system will display an error if the user has not filled out the answers.
- If all answers related to these company-specific regulations' QLs are filled, the system will proceed without errors.

If the **"Display and Check QL"** checkbox is not checked the QLs related to company-specific regulations will not appear in the QL section of the ingredient tab.

General check rules

The CDX user is presented with a list of all **check rules** marked as rule related and registered in the configuration table of each OU in company admin displaying the name of the rule and the selectable "severity" for each rule configured in scope for the selected OU. The list also includes: "Rule Applied To," which indicates whether the rule applies to own datasheets, received datasheets from suppliers, or both, and "Customizable as Recipient," which shows which rules can be customized for incoming datasheets from suppliers.

General check rules					
Check Rule Name	Check Rule Description	Severity	Rule Applied To	Customizable as recipient	active
Placeholder Text	This element (MDS/Module/Substance) has been substituted during creation of the copy. Please use the "..."	E	Supplier	☐	ACTIVE
Check Dev Exceeds	The deviation between Measured Weight and Calculated Weight per Item exceeds the entered tolerance.	W	Supplier	☒	ACTIVE
Check Module Mds...	The module/MDS has been deleted.	I	Supplier	☐	ACTIVE
Check Datasheet ...	The referenced datasheet is not internally released	E	Supplier	☐	ACTIVE
Attachment Chk T...	The one level declaration should have at least one attachment	E	Both	☒	ACTIVE
Reference Not Acti...	check included deactivated MDS	W	Supplier	☐	ACTIVE
Bosch Only Regist...	Only registered suppliers of Bosch are allowed to send data to Bosch.	E	Supplier	☐	ACTIVE
Attachment Missin...	An attachment for the RoHS declaration is missing.	E	Supplier	☒	ACTIVE
Attachment Missin...	An attachment for the Safety Data Sheet is missing.	E	Supplier	☒	ACTIVE
Invalid Check Part...	One of the entered numbers is not in the valid format.not allowing anything other than "a-z", "A-Z", "0-9".	E	Supplier	☐	ACTIVE
Attachment Requir	Attachment has to be in the rootNode of the Datasheet. (No child references check!)	F	Supplier	☐	ACTIVE

The default configurable values will be displayed in "()".

The user clicks on each cell to make his settings in a newly opened pop-up window.

For rules marked as customizable, the popup includes a checkbox labeled "Apply this rule to incoming datasheets from suppliers." When enabled, the rule will be applied to datasheets received from suppliers. If a supplier creates a Material Data Sheet and designates your company as a recipient, the rule will be validated during Execute Check or when the supplier sends or proposes the datasheet. If the rule is not fulfilled, the system will generate a message in the check result list according to the defined severity level. If this checkbox remains unchecked, the rule applies only to your own company's datasheets.

CDX - Compliance Data Exchange

Regulation Rules Configuration

Check Rule Name: Attachment Chk Text

Check Rule Description: The one level declaration should have at least one attachment

Severity: E

active: ACTIVE

☒ Apply this rule to incoming datasheets from suppliers

Apply Cancel

Check Rule Name	Check Rule Description
Placeholder Text	This element (MDS/Module/Substance) has been substituted during creation of
Check Dev Exceeds	The deviation between Measured Weight and Calculated Weight per Item exceed
Check Module Mds...	The module/MDS has been deleted.
Check Datasheet ...	The referenced datasheet is not internally released
Attachment Chk T...	The one level declaration should have at least one attachment
Reference Not Acti...	check included deactivated MDS
Bosch Only Regist...	Only registered suppliers of Bosch are allowed to send data to Bosch.
Attachment Missin...	An attachment for the RoHS declaration is missing.
Attachment Missin...	An attachment for the Safety Data Sheet is missing.
Invalid Check Part...	One of the entered numbers is not in the valid format.not allowing anything oth
Attachment Requir...	Attachment has to be in the topNode of the Datasheet. (No child references che
Classification Is Pl...	classifications not selected
Customer 100 Flag...	Check 100% flag at customer when MDS is internally released/Proposed/Sent
Product Not Affect...	Your customer {0} does not allow you to set product not affected flag for confirmations..
Reference Not Cur...	The referenced datasheet/module is not the current version

CDX user will have a list of all not flagged as regulation related check rules that are registered in the configuration table at each OU in company admin displaying ID, name, selectable “severity” and the “active” flag. User can change if this is still an active executable rule to check and control its severity from different possible values "E" for error, "W" for warning and "I" for information.

Attachment Check Rules

This section manages validation rules specifically related to missing attachments. This allows the user to define which specific document types are required to satisfy compliance checks.

Attachment check rules					
Check Rule Name	Check Rule Description	Severity	Rule Applied To	Customizable as recipient	active
Attachment Missin...	An attachment for the RoHS declaration is missing.	E	Own	☒	ACTIVE
Attachment Missin...	An attachment for the Safety Data Sheet is missing.	E	Own	☒	ACTIVE
Attachment Chk T...	The one level declaration should have at least one attachment	E	Both	☒	ACTIVE

To configure these rules, user can right-click on a rule within this section and select **Edit**. In the popup window, the user can configure the rule

CDX - Compliance Data Exchange

Regulation Rules Configuration

Check Rule Name: Attachment Missing Rohs

Check Rule Description: An attachment for the RoHS declaration is missing.

Severity: E

active: ACTIVE

Required Document Types: [Dropdown Menu]

☐ Apply this rule to incoming datasheets from suppliers

Apply Cancel

and use the dropdown menu to select one or multiple **Required Document Types**.

Depending on the selected check rule, the list of available Required Document Types is restricted to the document types that are valid for this rule. The allowed document types per rule are:

- **Attachment Missing RoHS:** Certificate of Compliance (CoC), Compliance Declaration, Declaration of Conformity (DoC), and Other
- **Attachment Missing Safety:** Safety Data Sheet (SDS)
- **One Level Declaration:** Certificate of Compliance (CoC), Compliance Declaration, Declaration of Conformity (DoC), Safety Data Sheet (SDS), and Other

When an attachment rule is triggered during the MDS check, the system validates that at least one of the configured Required Document Types has been uploaded. It is not necessary to upload all configured document types – uploading any one of the allowed types is sufficient to pass the validation. If no document matching the Required Document Types is uploaded, the check result displays an error message indicating which document types are required.

If multiple requests are part of the same MDS Request Group, the attachment validation is applied across all requests in the group. For each triggered rule, the system checks whether at least one of the allowed document types has been uploaded in any of the related requests. Uploading one valid document per rule within the group is sufficient to satisfy the validation.

CDX - Compliance Data Exchange

Regulation Rules Configuration

Check Rule Name: Attachment Missing Safety

Check Rule Description: An attachment for the Safety Data Sheet is missing.

Severity: E

active: ACTIVE

Required Document Types:

- ☒ Safety Data Sheet (SDS)
- ☐ Apply this rule to incoming datasheets from suppliers

Required Document Types

Apply Cancel

CDX - Compliance Data Exchange

Regulation Rules Configuration

Check Rule Name: Attachment Missing Rohs

Check Rule Description: An attachment for the RoHS declaration is missing.

Severity: E

active: ACTIVE

Required Document Types:

- ☒ All
- ☐ Certificate of Compliance (CoC)
- ☐ Compliance Declaration
- ☐ Declaration of Conformity (DoC)
- ☐ Other
- ☐ Apply this rule to incoming datasheets from suppliers

Required Document Types

Apply Cancel

Note: Organization Units can define their own independent attachment check rules, overriding the Root Company settings without the need for a supersede checkbox.

User

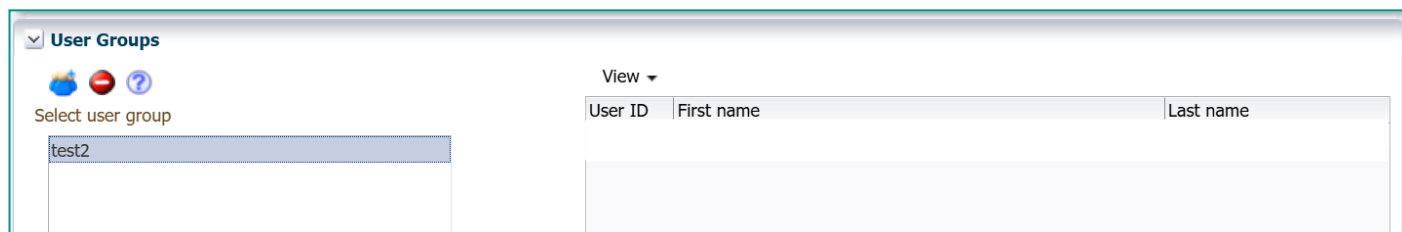
The next section is a list of users that have access to your CDX company and their contact information. Additionally, if they are checked as a **MDS Contact**, they will show in the list of contacts on the Supplier Data Tab of the MDS. If they are checked as a **Compliance Contact**, they can be found in a search of Compliance contacts and customers will know who to direct their compliance inquiries to. It is recommended that you have at least one user identified as a Compliance contact. If your company has a valid CDX License, you can also export the user list in order to help you manage your users. The exported list contains such information as the last login date. It is highly advisable for security purposes to inactivate users who do not need access to the system. As you can see from the above chapter on personal settings, users can change their own email and if they do so, will have access to data in your CDX company after they leave the company. For instructions on how to inactivate a user, see the section on Administration – User.

At the bottom of the screen you have the ability to define and manage multiple Supplier Codes for your company's suppliers. In the left table you can add or remove supplier companies by using the respective buttons ( or ); in the right table you can add () or remove () Supplier Codes for the supplier marked in the left table. You can also export an existing list of Supplier Codes to a .txt file, using the  button. The Supplier Codes are then attached to your requests for a certain supplier by default, as well as attached upon the supplier submitting MDSs to your company.

User Groups

User groups simplify the management of notifications for MDS updates. Any user assigned to a group linked to an MDS will receive automatic email notifications for new comments and changes.

The interface displays all user groups within the company on the left table, while the right table shows the users assigned to the currently selected group. The user can create or delete a user group using the buttons above the left table. To manage membership, the user right-clicks in the right table to add or remove users from the context menu. Adding a user to a group that is already assigned to an MDS automatically registers that user as a Watcher for notification purposes.



Request reminders configuration

The Company Admin user is able to set values to configure requests from the Company Admin screen. This allows to define the deadline date and the reminders for registration emails when creating requests. These dates and reminders are calculated based on the values they provide, offering more flexibility in CDX.

Request Configuration Section

The Company Admin user is able to set values to configure requests from the Company Admin screen. This allows to define the deadline date and the reminders for registration emails when creating requests. These dates and reminders are calculated based on the values they provide, offering more flexibility in CDX. In this section, the user can define their own values for the following fields:

1. **Deadline duration from creation date:** This field allows the user to set the duration for the deadline calculation.
2. **Calculate reminder dates:** The user can select whether the reminder dates will be calculated from the initial date or before the deadline date.
3. **Reminders:** There are three fixed reminders, and the user can enable the desired reminders by checking the corresponding boxes. For each enabled reminder, they can specify the number of days before the calculation base (initial date or deadline date) when the reminder should be sent.

☒ **Request reminders config**

Deadline duration from creation date

Calculate reminder dates

☒ After initial creation date
 ☐ Before deadline date

Enable registration mail reminder 1 ☒

days

Enable registration mail reminder 2 ☒

days

Enable registration mail reminder 3 ☒

days

An information button is available beside this field to open a popup describing how the reminders are calculated based on the selected option.

CDX - Compliance Data Exchange

How reminders are claculated?

When reminders are calculated based on creation time: Ensure that the intervals between reminders increase sequentially. When reminders are calculated based on the deadline date: Ensure that the intervals between reminders decrease sequentially.

After saving the root company, the values the user sets will be applied to all Organizational Units (OUs) that have the "Supersede" checkbox unchecked for the new section.

MDS Request Attachment Requirements

This section allows the user to define which document types are mandatory when a supplier replies to an MDS Request where the "Attachment Required" flag is set to true.

☒ **MDS Request:Required Documents**

Select the document types that must be provided by the supplier when replying to an MDS request with a datasheet, if the request requires attachments

Required Document Types

The user selects the document types that must be provided by the supplier when fulfilling a request via the dropdown list.

MDS Request: Required Documents

Select the document type

Required Document Types

- ☒ All
- ☒ Certificate of Compliance (CoC)
- ☒ Compliance Declaration
- ☒ Declaration of Conformity (DoC)
- ☒ Deforestation Statement
- ☒ Import Source
- ☒ Other
- ☒ PFAS Declaration
- ☒ Report
- ☒ Safe Use Instruction
- ☒ Safety Data Sheet (SDS)
- ☒ Test Report

Required Document Types

By default, all Organization Units inherit the settings defined at the Root Company level. However, each Organization Unit can be configured individually.

If a specific Organization Unit requires different document settings than the parent company:

1. Navigate to the settings for that specific Organization Unit.
2. Check the Supersede box within the "MDS Request Attachment Requirements" section.

MDS Request: Required Documents

☒ Supersede

Select the document types that must be provided by the supplier when replying to an MDS request with a datasheet, if the request requires attachments

Required Document Types: All

3. This action unlocks the settings, allowing the user to define a unique set of required documents specifically for that unit, independent of the Root Company defaults.

MDS Request: Required Documents

☒ Supersede

Select the document type

Required Document Types

- ☒ All
- ☒ Certificate of Compliance (CoC)
- ☒ Compliance Declaration
- ☒ Declaration of Conformity (DoC)
- ☒ Deforestation Statement
- ☒ Import Source
- ☒ Other
- ☒ PFAS Declaration
- ☒ Report
- ☒ Safe Use Instruction
- ☒ Safety Data Sheet (SDS)
- ☒ Test Report

Required Document Types

Smelter Administration

Once registered and activated, any Company Administrator can maintain information about the company's smelter facilities and conflict minerals produced by each of these facilities. To do that log into CDX as Company Administrator and select **Company** on the **Administration** menu. Search for the smelter company and go to the details page by double clicking the appropriate item in the search result table. **Although you may have registered a facility with your online registration, you must “release” it for suppliers to find it in the search screen.** Please see Releasing the Smelter Facility.

My Smelter Company (900644)

Org Unit

Name: My Smelter Company
Company ID: 900644
DUNS Number: 12-345-6798

Zip Code: 99999
City: My City
State / Province:
Street: My

Mailbox:
Country: Germany
Expiry Range: 365

User

View Export

No.	User ID	Last name	First name	E-mail	Telephone No.	Contact Person	REACH Contacts
1	gmymm007	My Name	My First name	cdx-info@hp.com	12345	☒	☒

Smelter Facility

View

No.	Facility Name	Facility Street	Facility City	Facility Country	Metal	Fe
1	My Smelter	Smelter Street	Smelter City	Aruba	Gold (Au)	
2	second smelter	smelterstreet	smelter city	Congo, The Democratic Repu...	Tantalum (Ta)	

If the company is registered as a smelter, the “Smelter Facility” Tab will be shown (otherwise it is not visible). Besides the 3 buttons (add), (edit) and (delete) available for facilities during the registration process there are now 2 new buttons: and .

To add a new Smelter Facility press and enter the Smelter Facility's data.

CDX - Compliance Data Exchange

Smelter Facility

Please enter your company data in the following fields. Each field marked with a red asterisk is mandatory.

Facility Name

Known alias

Aliases

Smelter Type: unknown

Street *

Zip or Postal Code

City *

State / Province

Mailbox

Country: unknown *

Contact Name

Contact E-mail

Is active: Yes ☐

View

No.	Metal	Is Conflict Free	Active	CFSI 3.x Smelter ID	CFSI 2.x Smelter ID	Mineral Source	Mine Name	Mine Country	Last Modification	Status
No sourced metal to display.										

Total records found: 0

To add conflict minerals to this smelter facility just press again the button within the popup-window:

By pressing the button, the defined metal will be added to the preselected smelter facility.

Giving other information needed for the smelter facility and press again the button, the new defined smelter facility is shown in the Smelter Facility table:

Smelter Facility							
View Add Edit Remove							
No.	Facility Name	Facility Street	Facility City	Facility Country	Metal	Facility Contact Name	Facility Contact Email
1	Test Smelter Facility	Southstreet 123	Frankfurt am Main	Germany	Tantalum (Ta)	max mustermann	max.mustermann@cdx.com

To edit or delete a previous defined facility just click the appropriate facility item in the table and press to edit or to remove. The same works also for edit /delete of a previous defined conflict mineral in a facility.

In contrast to smelter registration, where the facility data will be automatically saved after successful registration, the updated facility data must be saved explicitly by pressing the . The same applies also for conflict minerals defined within a facility.

Releasing the Smelter Facility

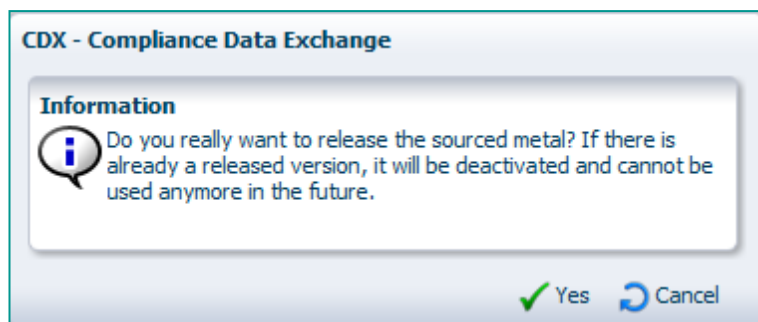
Generally, for a new registered smelter company, its company address data is not released, meaning such data could still be updated. So that would make no sense to release the included mineral while the address is still editable. In that case, to release a defined mineral in the facility, the facility itself must first be released, with the release of the facility all defined conflict minerals in it would be automatically released. If a facility is already released before (contact person info is still editable), then a new defined mineral in it can be released individually.

The button is used to release the facility or conflict mineral produced by this facility. Only released facilities/conflict minerals are visible to other companies within CDX and therefore could be referenced within other company's CMD structures. Once a facility is released, its address information such as street, city and country are no longer editable. Other smelter related information may be changed and conflict minerals can still be added/deleted into/from the facility.

Other than the 2 modes: release and edit of smelter facilities, conflict minerals have an additional version attribute, the initial version of a new defined conflict mineral has always the version "0.01." Once it is released, the version will be changed to "1." A conflict mineral in edit mode has always the version with decimal number whereas the released version has always an integer number. By editing an already released conflict mineral its version will be automatically increased by "0.01".

Only saved minerals in edit mode can be released (provided that the owner facility is already released), in other cases the release button is unavailable ().

If there is already a released version of the same source metal, the old version will be deactivated and can not be used in the future (meaning it could no longer be seen by any other company in CDX).



Currently there are four defined conflict minerals: Tantalum, Tin, Tungsten and Gold.

For each of them, depending on the kind of mineral source (unknown, mine, scrap, recycled) and whether the mineral is conflict free or not, the following applies:

1. Each mineral may have multiple sources and each source must be entered separately as different sources could co-exist within one facility.
2. The same mineral may have different sources with different answers to the Conflict Free question (yes, no, unknown). These are considered as different so that the same mineral with different conflict free status could co-exist within one facility.
3. Conflict minerals with same conflict free status and same mineral source as "Mine" but different mine names and/or mine country are considered as different so that they could co-exist within one facility.

Adding Organization Units

On the left side of the screen, is the company structure. At this point, there are no sub units but that is easily remedied by right clicking on the Company name and selecting **Add Org Unit**.

When you do, the right side of the screen changes.

You will need to give it a meaningful name. Additionally, at this point there are no users in the Org Unit. That means that even if a supplier sent something to the Org Unit, no one would be able to see it. That means that when you are sending the MDS, you cannot place it in the Org Unit. To see how to assign Users to Org Units, please see the section on Administration – User.

Deleting Organisation Units

To delete an Organisation Unit, right click on the Org Unit to be deleted and select **Delete** from the menu. Note: if the Delete option does not appear, save the structure and then the Delete option should appear.

User

In this section we will talk about creating and managing users. This option is only available to users with a Company Administrator profile. To ensure adequate backup, we strongly advise a **minimum of two (2) users**

with a Company Administrator profile. It is the responsibility of the Company Administrator to manage user data and profiles, including password resets. To receive a complete user overview and make the user management easier, the Company Administrator is able to export the User List in the Administration > User menu by using the  **User List** button near the Search button.

User Profiles

There are three (3) types of User profiles in CDX: Company Administrator, Standard User and Read-Only User.

Company Administrator

Company Administrators may, but do not have to be, data entry users – they support the user management process. It is their responsibility to create User IDs and contact persons, assign users to Org Units, and perform password resets. It is the responsibility of the Company Administrators to maintain the accuracy of the User and Contact Person email and phone contact information as well as the “Valid until” date for every User. Company Administrators are company representatives and are listed by name. They have all the privileges to administer the MDSs, Org Units, users and contact persons of his own company in CDX.

It is strongly recommended that each CDX company have a minimum of two (2) Company Administrators for backup purposes. While the CDX Service Desk will change Company Administrators for a CDX company, they will not do so without documentation signed by someone in high authority.

Standard User

A User ID with a Standard User profile does not have administrative rights. Users with this profile can create, send or propose MDSs. Additionally, they can review and accept or reject MDSs sent to the company (provided the company is not a Web Service user). They can create Requests and respond to incoming Requests.

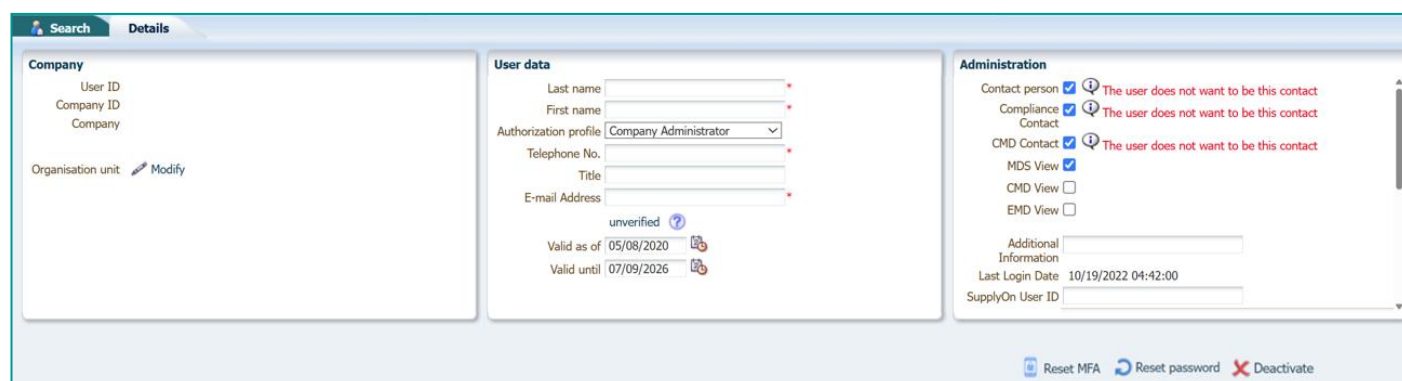
Although they do not have access to administration tasks, each user has the capability to update their phone and email on their ID through the Personal Settings option from the main menu.

Read-Only User

This profile can be given to special users by the Company Administrator. With this profile the user can view, but not change, datasheets created by their own company, view published data, and view datasheets received and accepted by their company. Additionally each user has the capability to update the phone and email information on their ID.

Create a User

Each user must have their own ID, in their own name, to use the system. To create a user, click on the **Create User** button from the Search User screen. A window similar to the following will appear.

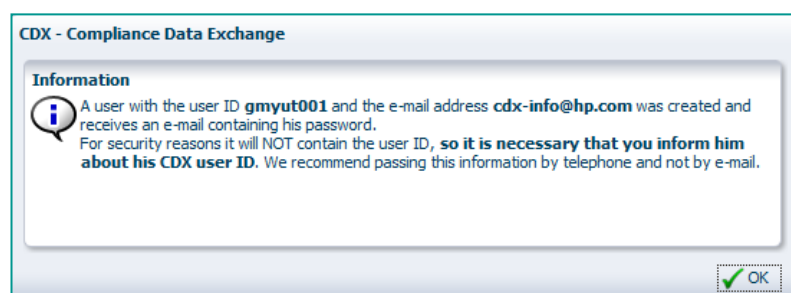


Then you will need to fill out the appropriate information as shown in the following table:

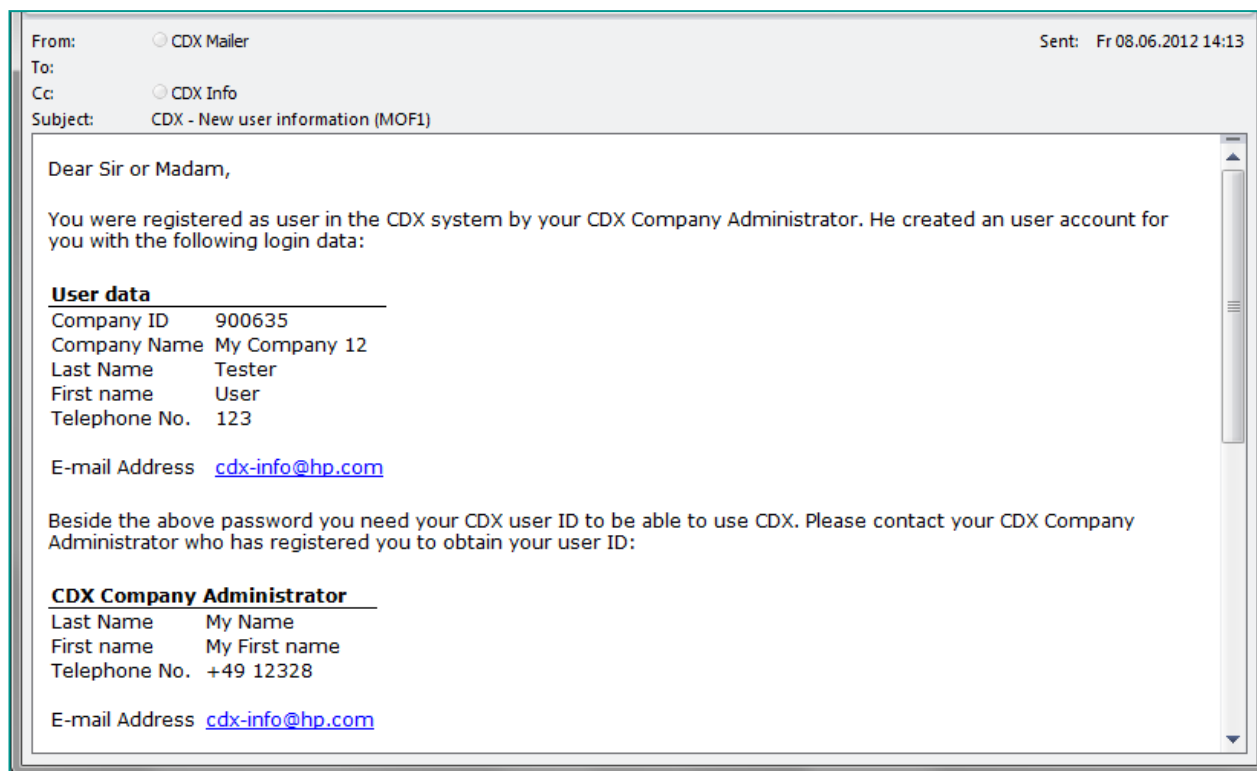
Field	Description
User ID	System Generated – not assigned yet
Company-ID	System Generated

Field	Description
Company	Own company's name and read-only
Organisation Unit	Organisation Unit assigned to ID
Last Name	The user's Last Name (required)
First Name	The user's First Name (required)
Authorization Profile	Use the pull down to select the appropriate profile (required).
Telephone No.	The User's telephone number including all country and dialing codes (required)
Email Address	The user's email address (required)
Valid as of:	The start date when the user can use the ID.
Valid until:	The last date that the user can use the ID to access the system.
Contact Person	Check the box if this user should appear as a contact person on the Supplier Data Screen.
Compliance Contact	Check this box if this user should be listed as a Compliance contact.
CMD/EMD Contact	Check the box if this user should appear as a contact person on the CMD and EMD Supplier Data.
MDS View / CMD View / EMD View	Check one of these boxes to select which view should be set as default for this user (MDS CMD View is possible). The user can change this initial setup for the own User ID later.
Last Login Date	System Generated – shows the date the user last logged in.

When complete, click on the save () and the User ID will be created which you can see in the following screen:



PLEASE WRITE DOWN THE USER ID! You will receive it in YOUR email similar to the following; the user will get the same email, additionally containing the password for the ID:



Please note that the **emails do not contain the User ID**. It is expected that you will pass on this information to your user. It is HIGHLY recommended that the user copy and paste the password from this. If you did not remember to save the ID generated, the user can use the ID Forgotten button and the email to retrieve the User ID.

When you come back to the new user's details, the screen looks as follows:

Search **Details**

Company

User ID
Company ID
Company

Organisation unit [Modify](#)

User data

Last name
First name
Authorization profile: Company Administrator
Telephone No.
Title
E-mail Address
unverified
Valid as of: 05/08/2020
Valid until: 07/09/2026

Administration

Contact person ☒ The user does not want to be this contact
Compliance ☒ The user does not want to be this contact
Contact
CMD Contact ☒ The user does not want to be this contact
MDS View ☒
CMD View ☐
EMD View ☐
Additional Information
Last Login Date: 10/19/2022 04:42:00
SupplyOn User ID

[Reset MFA](#) [Reset password](#) [Deactivate](#)

As explained in chapter "Personal Settings", every user needs to set up the rules regarding Data Protecting. You will see the above displayed information as long as the user has not confirmed to act as a contact person.

Assigning Org Unit to a User ID

To see Requests and MDSs sent to an Org Unit and to use the Org Unit on the Supplier Data tab, the Org Unit must be assigned to the User ID. When you click on the **Modify** in the company area of the User detail, a listing will appear of all Org Units in your CDX company. Check all Org Units that should be assigned to the User ID and select [Apply](#).

Organisation unit

Organisation unit	Member
My New Org Unit	☒

[Apply](#) [Cancel](#)

Deactivating a User

Once a user leaves a company or no longer requires access to CDX, their User ID should be deactivated. The following is the recommended process:

1. Search out the User and view the Details.

2. Set the Valid until date to be today's date.
3. Save.
4. On the Search Screen, uncheck the box under Active.

Resetting a Password

The Company Administrator is responsible for resetting passwords for users in their company. To do so, find the user by Administration > User and view the details. There will be a **Reset Password** button in the lower right. Click on that and the system will send a Password to the user's email address.

Managing User Verification Status

Company Administrators can manage the email verification status for users within their organization. This control is useful if a user is unable to complete the process or if a verified email needs to be reset.

Based on this status, the following administrative actions are available:

- For a 'In Verification' status: The administrator can select the option to cancel the verification. This will revert the user's email status back to 'unverified'.

User data

Last name

*

First name

*

Authorization profile

Company Administrator

▼

Telephone No.

*

Title

E-mail Address

*

in verification

✉ Cancel

?

Valid as of

09/08/2025

📅

Valid until

09/08/2027

📅

- For an 'Verified' status: The administrator can choose to invalidate the ongoing verification process. This action cancels the pending request and stops the verification attempt.

User data

Last name

*

First name

*

Authorization profile

Company Administrator

▼

Telephone No.

*

Title

E-mail Address

*

verified

✉ Invalidate

?

Valid as of

09/08/2025

📅

Valid until

09/08/2027

📅

Maintaining User Accounts

Every User account in CDX has a "Valid until" date, which must be maintained by the Company Administrator (by default, 12 months after creation of the user account). Before the account's "Valid Until" date is reached, the User and the Company Administrator will receive an email notification that the User account will expire in the next few days. In the User Details, the Company Administrator is responsible to change the "Valid until" date for such a User account.

Additionally a CDX User account will be deactivated when the User has not logged into CDX within the last 12 months. In this case, the User and the Company Administrator receive an email notification that the account will expire in the next few days. The User should login immediately to CDX to avoid the deactivation. Only the Company Administrator can re-activate such deactivated user accounts.

Creating Security Secrets and Access Tokens for REST API Users

As a company administrator, you can create and manage secure access tokens for REST API users within your company using the "REST_API" permission profile. By default, access tokens have an expiration time of 18 minutes, but this value can be changed during the token generation process.

Follow these steps to create security secrets and access tokens for REST API users:

1. Navigate to the Administration section.
2. Create a new user or edit an existing user.
3. Change the permission profile to "REST_API".

Regenerating Tokens

Follow these steps to regenerate an access token:

1. Navigate to the user's profile and select "REST_API" under the permission profile.

The screenshot shows the 'User data' and 'Administration' sections of a user profile. In the 'User data' section, the 'Authorization profile' is set to 'REST_API'. In the 'Administration' section, the 'Bearer Token' has a 'Regenerate' button highlighted with a red box. The 'Terms of Use' checkbox is also checked.

2. Check the box for "Accept Terms of Use." You can review the terms of use by clicking on the active link.
3. Click the "Regenerate" button next to the "Bearer Token."
4. A pop-up window will appear, prompting you to confirm the token regeneration. Click "Yes" to proceed.

The screenshot shows a 'Regenerate' confirmation dialog box. It contains a warning icon and the following text: 'Are you sure you want to regenerate? Token will be expired after 18min. If you regenerate, The token will be created based on the existing secret, if a token/secret was created before.' At the bottom, there are 'Yes' and 'Cancel' buttons.

5. A new pop-up window will appear, prompting you to save the new Bearer Token in a secure location.

Regenerate

Did you save your Bearer Token?

- Save it in a secure location
- Treat it as a password or set of keys
- If security has been compromised, revoke and regenerate
- DO NOT store it in public or shared docs

Bearer Token eyJhbGciOiJIUzI1NiJ9.eyJleHAiOjE3ND...

Copy

Yes, I saved it

- Copy the new Bearer Token and store it securely. The previous token will be invalidated, and the new token will be valid for 18 minutes.

Regenerating JWT Secrets

Follow these steps to regenerate a JWT secret:

- Navigate to the user's profile and select "REST_API" under the authorization profile.

Search **Details**

Company

User ID

Company ID

Company

Organisation unit

User data

Last name

First name

Authorization profile **REST_API**

Telephone No.

Title

E-mail Address

unverified

Valid as of 09/08/2025

Valid until mm/dd/yyyy

Administration

Contact person ☒

Compliance Contact ☒

CMD Contact ☒

Terms of Use ☒

Bearer Token

JWT-Secret

History

10/15/2025 19:59:32 Checked by kz8z25

09/30/2025 15:37:05 Checked by gcdt001

09/08/2025 12:03:30 User created by gainp001

- Check the box for "Accept Terms of Use." You can review the terms of use by clicking on the active link.
- Click the "Regenerate" button next to "JWT Secret."
- A pop-up window will appear, prompting you to confirm the regeneration. Click "Yes" to proceed.

CDX - Compliance Data Exchange

Regenerate

Are you sure you want to regenerate?
If you regenerate, old tokens are getting invalid.

Yes Cancel

- A new JWT secret will be generated and displayed.

Regenerate

Did you save your Access Secret Token?

- Save it in a secure location
- Treat it as a password or set of keys
- If security has been compromised, revoke and regenerate
- DO NOT store it in public or shared docs

Access Token Secret eCkf4weS5x6qBCq1YGwjU20AT0jK7hpbQWE...

Copy

Yes, I saved it

- Copy the new JWT secret and store it securely. After saving it, click "Yes, saved it" to complete the process.
- The previous JWT secret will be invalidated.

Revoking Credentials

Follow these steps to revoke all credentials from a user:

1. Navigate to the user's profile and select "REST_API" under the permission profile.

The screenshot shows the 'User data' and 'Administration' sections of a user profile. In the 'User data' section, the 'Authorization profile' is set to 'REST_API'. In the 'Administration' section, the 'JWT-Secret' is listed with a 'Revoke' button next to it.

2. Check the box for "Accept Terms of Use." You can review the terms of use by clicking on the active link.
3. Click the "Revoke" button next to "JWT Secret." This action will delete the secret.
4. A pop-up window will appear, prompting you to confirm the revocation. Click "Yes" to proceed.

The screenshot shows a confirmation dialog box titled 'CDX - Compliance Data Exchange'. It contains a warning icon and the text: 'Mark as revoked', 'Are you sure you want to revoke?', and 'If Revoke all Secrets and all bearer Tokens are getting invalid'. At the bottom, there are 'Yes' and 'Cancel' buttons.

Trust User

Only Company Administrators have access to Trust User. There are two uses for Administration – Trust User. A trusted user is a user in another company (anywhere in the supply chain, not necessarily a direct customer) who you give specific permission to view all Basic Substances on your tree structures – even those marked “confidential” no matter at what level the structure is attached. It is only that user and not the User’s company, and the information cannot be downloaded into a user’s system.

We assume that you trust all of the users in your own CDX company so all users in your CDX company will be able to see the complete formulation of your Basic Substances, even those marked “confidential.” This is for users in other CDX companies. You will not find users in your own CDX company in this search.

The second use for this function is to look up users in other companies. Once you activate Administration > Trust User, a screen similar to the following will appear – please search for a specific company or check the box for “Trusted User”:

The screenshot shows the 'Trust user' search interface. It includes a 'Company' search box, a 'Name' section with input fields for 'Last name', 'First name', and 'E-mail Address', and a 'Responsibility' section with checkboxes for 'MDS Contact', 'Compliance Contact', 'CMD Contact', and 'Trusted user'. Below these is a table with columns: 'Last name', 'First name', 'Company Name', 'Organisation unit', 'Telephone No.', 'E-mail Address', 'Contact person', 'Compliance Contact', 'CMD Contact', and 'Trusted user'. The table currently shows 'No data to display'.

MDS Admin

This option is only available to Company Administrators and allows you to move MDSs (both Own and Received) between Org Units. You might want to do this if a supplier has sent the MDS to the wrong Org Unit and no one can see it, or if one of your users has forgotten to put the MDS in an Org Unit. Additionally, you may need to do this if your company has experienced a sell-off and you have to re-organize your company.

The MDS Admin screen will look similar to the following:

If you click on **Search for own MDSs**, the typical search screen will open and you can search for Own but the accepted check boxes will be greyed out. Select the ones you want by clicking on them (multiple selections require that you hold down the CTRL key while clicking) and then click on **Apply**. Your selections will appear at the top. Highlight the ones that you want to move. Then use the pull down beside **Org Unit** to select the Org Unit you want to move the MDSs to, then click **Move**.

CMD/EMD Admin

This option is only available to Company Administrators and allows you to move CMDs/EMDs (both Own and Received) between Org Units. You may want to do this if a supplier has sent the CMD/EMD to the wrong Org Unit and no one can see it, or if one of your users has forgotten to put the CMD/EMD in an Org Unit. Additionally, you may need to do this if your company has experienced a sell-off and you have to re-organize your company.

The CMD Admin and EMD Admin screens will look similar to the following:

If you click on **Search for own CMDs (Search for own EMDs)** or **Search for received CMDs (Search for received EMDs)** the typical search screen will open and you can search for Own or Received CMDs/EMDs. Select the ones you want by clicking on them (multiple selections require that you hold down the CTRL key while clicking) and then click on **Apply**. Your selections will appear at the top. Highlight the ones that you want to move. Then use the pull down beside **Org Unit** to select the Org Unit you want to move the MDSs to, then click **Move**.

CDX Licenses

Within CDX, registered users can use the basic functions of the Conflict Minerals Manager or can create and send Material Data Sheets (MDSs) free of charge. Other actions may be subject to payment. These actions might be of different pricing and prices/actions may vary over time. Extended Minerals Manager which included Mica, Cobalt, Copper, Natural graphite, Lithium, Nickel.

Reporting can be optionally licensed as an add-on functionality for user with CMD Manager License and it is not available as a stand-alone functionality. Pricing is detailed on our [CDX website](#). The license order process is part of the system.

The CDX Licenses option is only available for users with a Company Administrator profile. Your account balance can be checked under **Administration -> CDX Licenses**. Here you can order your CDX Licenses.

There are two sections to the CDX Licenses screen – CDX License & Order, and the Order History tab:

CDX License & Order Order history

Company Information
Company Name: Demo_MK
Company ID: 2938

CDX Material Datasheet License
Max Allowed SCIP Uploads: 1500
Current SCIP Uploads: 0
Available SCIP Uploads: 1500
Current Sponsor Supplier Count: 0
Available Upload Node Counts: 1000000
Used Upload Node Counts: 0
Available Download Node Counts: 1000000
Used Download Node Counts: 0
Upcoming licenses: License ID Month State
No data to display

CDX Conflict Minerals Declaration License
License ID: -
License Type: ☐ + Cobalt & Mica Reporting (RMD)
License Period: from - to -
Remaining days: -
Upcoming licenses: License ID Month State
No data to display

Request your CDX Quote
Please select your currency: ☒ Euro ☐ US Dollar
Please select your License: ☒ CMD Manager License - 2500.00 Euro
☐ MDS Entry License - up to 10 suppliers, Basic Functions plus Accept and Reject MDS, support of singular SCIP Dossier submissions (1 Dossier at a time, manually issued) - 2300.00 Euro
☐ MDS Small License - up to 100 suppliers, full functionality, full support of SCIP Dossier submission up to 15000 Dossiers p.a. - 15500.00 Euro
☐ MDS Medium License - up to 250 suppliers, full functionality, full support of SCIP Dossier submission up to 50000 Dossiers p.a. - 30500.00 Euro
☐ MDS Large License - up to 500 suppliers, full functionality, full support of SCIP Dossier submission up to 150000 Dossiers p.a. - 48900.00 Euro
☐ + CDX-Starter Guidance - On request ☐ + Where-Used Analysis - not available ☐ + Cobalt & Mica Reporting (RMD) - 2000.00 Euro
Please select your method of payment: ☒ Invoice
Price: 2500.00 Euro
☐ I agree the information provided may be retained and used by DXC Technology, and shared with required third parties within the bounds and for the duration of the order processing process, after which DXC Technology and its partners must promptly delete the gathered information.
Request Quote

Within the **CDX License & Order** tab you have different information about your company and corresponding licenses available.

The Company Information you can see detailed information about your company's existing as well as upcoming CDX Material Datasheet License(s) and CDX Conflict Minerals Declaration License(s) if any have been ordered.

CDX License & Order Order history

Company Information
Company Name: CDX Service Team (Germany)
Company ID: 0

CDX Material Datasheet License
License ID: 6023
License Type: MDS Small License ☒ + Where-Used Analysis
License Period: from 03/21/2025 to 03/21/2026
Remaining days: 260
License Allowed Number of Users: 40
Current Active Users: 102 [Display users](#)
Allowed Maximal Supplier Count: 100
Current Supplier Count: 9 [Display Suppliers](#)
Available Supplier Count: 91

CDX Conflict Minerals Declaration License
License ID: 4663
License Type: CMD Manager License ☒ + Cobalt & Mica Reporting (RMD)
License Period: from 05/02/2024 to 09/08/2026
Remaining days: 431
Upcoming licenses: License ID Month State
CMD Manager Lice... 5924 12 License
CMD Manager Lice... 6303 12 License

The following information will be displayed:

- License ID and License Type (system generated)
- License Period (from ... to ...)
- Remaining days (until your active license expires)
- License Allowed Number of Users
- Current Active Users
- Allowed Maximal Supplier Count (only for MDS License)
- Current Supplier Count (only for MDS License) – “Display Suppliers” opens a separate window where your counted suppliers are listed
- Available Supplier Count (only for MDS License) – the remaining supplier amount
- Max Allowed SCIP uploads (only for MDS License) – the number of SCIP uploads included in the license
- Current SCIP Uploads – the currently consumed number of SCIP uploads since beginning of the license period
- Available SCIP Uploads – the remaining number of SCIP uploads until end of the license period
- Current Sponsor Supplier Count (only for Multi-Tier license) – number of suppliers sponsored by the MT license model
- Upcoming Licenses – shows the already ordered, but not yet activated licenses for your company

Depending on the license type, there is a different maximum number of active users allowed. This number is presented in the "License Allowed Number of Users" field. For the most up-to-date information on allowed user

numbers for different license types, refer to the Pricing section on the CDX webpage.

CDX License & Order **Order history**

Company Information
Company Name: CDX Service Team (Germany)
Company ID: 0

CDX Material Datasheet License
License ID: 6023
License Type: MDS Small License ☒ + Where-Used Analysis
License Period: from 03/21/2025 to 03/21/2026
Remaining days: 260
License Allowed Number of Users: 40
Current Active Users: 102 [Display users](#)
Allowed Maximal Supplier Count: 100
Current Supplier Count: 9 [Display Suppliers](#)
Available Supplier Count: 91

CDX Conflict Minerals Declaration License
License ID: 4663
License Type: CMD Manager License ☒ + Cobalt & Mica Reporting (RMD)
License Period: from 05/02/2024 to 09/08/2026
Remaining days: 431

Upcoming licenses

License	ID	Month	State
CMD Manager Lice...	5924	12	License
CMD Manager Lice...	6303	12	License

To view the current list of active users, click the "Display Users" button. This action will open a separate dialog showing all current active users. The total number of users is displayed in the upper right corner of this dialog.

The dialog provides a comprehensive overview of user activity, allowing administrators to effectively manage and monitor user licenses. This feature ensures compliance with current license restrictions and helps maintain proper user access control within the system.

CDX License & Order **Order history**

Company Information
Company Name: CDX Service Team (Germany)
Company ID: 0

CDX Material Datasheet License
Allowed Maximal Supplier Count: 100
Current Supplier Count: 9 [Display Suppliers](#)
Available Supplier Count: 91
Max Allowed SCIP Uploads: 15000
Current SCIP Uploads: 21
Available SCIP Uploads: 14979

CDX Conflict Minerals Declaration License
License ID: 4663
License Type: CMD Manager License
License Period: from 05/02/2024
Remaining days: 431

Upcoming licenses

License	ID	Month	State
CMD Manager Lice...	5924	12	License
CMD Manager Lice...	6303	12	License

Request your License

Please select your currency: ☐ Euro ☒ US Dollar

Please select your License: ☒ CMD Manager License - 2650.00 US Dollar
☐ MDS Entry License - up to 10 suppliers, Basic Functions plus Accept and Reject MDS, support of singular SCIP Dossier submissions (1 Dossier at a time, manually issued) - 2300.00 Euro
☐ MDS Small License - up to 100 suppliers, full functionality, full support of SCIP Dossier submission up to 15000 Dossiers p.a. - 15500.00 Euro
☐ MDS Medium License - up to 250 suppliers, full functionality, full support of SCIP Dossier submission up to 50000 Dossiers p.a. - 30500.00 Euro
☐ MDS Large License - up to 500 suppliers, full functionality, full support of SCIP Dossier submission up to 150000 Dossiers p.a. - 48900.00 Euro

☐ + CDX-Starter Guidance - On request ☐ + Where-Used Analysis - not available ☐ + Cobalt & Mica Reporting (RMD) - 2000.00 Euro

Please select your method of payment: ☐ Invoice ☒ Credit Card / Binding Order (USD payment only) - DXC will activate your license immediately and send the license contract information in an email.

Credit card provider:

CDX - Compliance Data Exchange
View Export
Company Name ID Zip Code City State / Province Country
Total records found: 9
Cancel

The lower part of the CDX License & Order tab is the section, where you can place your order and start the CDX order process:

Request your CDX Quote

Please select your currency: ☒ Euro ☐ US Dollar

Please select your License: ☒ CMD Manager License - 2500.00 Euro
☐ MDS Entry License - up to 10 suppliers, Basic Functions plus Accept and Reject MDS, support of singular SCIP Dossier submissions (1 Dossier at a time, manually issued) - 2300.00 Euro
☐ MDS Small License - up to 100 suppliers, full functionality, full support of SCIP Dossier submission up to 15000 Dossiers p.a. - 15500.00 Euro
☐ MDS Medium License - up to 250 suppliers, full functionality, full support of SCIP Dossier submission up to 50000 Dossiers p.a. - 30500.00 Euro
☐ MDS Large License - up to 500 suppliers, full functionality, full support of SCIP Dossier submission up to 150000 Dossiers p.a. - 48900.00 Euro

☐ + CDX-Starter Guidance - On request ☐ + Where-Used Analysis - not available ☐ + Cobalt & Mica Reporting (RMD) - 2000.00 Euro

Please select your method of payment: ☒ Invoice

Price: **2500.00 Euro**

☐ I agree the information provided may be retained and used by DXC Technology, and shared with required third parties within the bounds and for the duration of the order processing process, after which DXC Technology and its partners must promptly delete the gathered information.

[Request Quote](#)

Here you can choose the required license (package) as well as the payment method. You would need to accept the data privacy information.

To finalize your order via invoice, please respond to the quote request sent to your email. You can either

complete and sign the attached order form, or generate an order form using your internal procedures. If you follow your own process, please ensure it includes all details from our quote, including the CDX License, description, and prices. Please email the final, signed document as a PDF attachment to cdx-order@dx.com.

Please select your method of payment ☒ Invoice

Price **2500.00 Euro**

☐ I agree the information provided may be retained and used by DXC Technology, and shared with required third parties within the bounds and for the duration of the order processing process, after which DXC Technology and its partners must promptly delete the gathered information.

[Request Quote](#)

In the next step of requesting a quote, you will be prompted to confirm your order.

CDX - Compliance Data Exchange

Confirm

If you select "OK", you will order a 12 months CMD license for your company:

CDX Responsible Mineral Reporting - CMD License

- Includes Full Functionality
- 3TG Reporting
- Max. active users: 5
- Price (excluding taxes): 2650 US Dollar

Let's set you up - Ready to go?

[OK](#) [Cancel](#)

Once confirmed, a confirmation message will appear.

CDX - Compliance Data Exchange

Information

Thank you for your request:
CDX-2025-8-1-2938-301-6723
We will send our quote via e-mail to you.
Please send your purchase order in return to arrange a license contract.

[OK](#)

The complete order history for your company with all order(s) and their key information will be shown in the Order History tab:

License ID	Order Name	Order State	Order Date	Order Completion Date	Start Date	End Date	License Duration	License Type	Price	Currency
16784	CDX-2025-8-21-0-...	Cancelled by customer	08/21/2025				12	CMD Manager License	2,700.00	Euro
16694	CDX-2025-8-4-0-3	Cancelled by customer	08/04/2025				12	CMD Manager License	2,700.00	Euro

Company Specific Basic Substance Lists

This function is only available with a valid MDS License. In this screen, you can see all your Company Specific Basic Substance Lists. Only users with the Company Administrator profile can create and update Company Specific Basic Substance Lists. This feature is helpful while [navigating the tree](#) or analyzing MDSs.

Company Specific basic Substance Lists Details

Basic Substance List Details

Release To

Company Name: CDX Service Team (Germany)
Company ID: 0
Company Specific basic Substance List: AD-DSL
ID: 300001000
Valid From: 07/29/2020
Version: 4.0
Used in Regulation: AD-DSL (ID: 821)
Valid To: mm/dd/yyyy

[Attachment](#)

View [Menu](#) [Export](#)

No.	Name	CAS No.	EU-Index	Einecs-No.	Synonym
1	(1)-1,7,7-Trimethyl-3-((4-methylphenyl)methylene)bicyclo(2.2.1)heptan-2-one	36861-47-9	-	253-242-6	Bicyclo(2.2.1)heptan-2-one, ...
2	(R)-4-(2,3-dimethylheptan-2-yl)phenol	1119215-26-7	-	-	-
3	(R)-4-(3,6-dimethylheptan-3-yl)phenol	1119215-28-9	-	-	-
4	(S)-4-(2,3-dimethylheptan-2-yl)phenol	1119216-40-8	-	-	-
5	1,1,2,2,3,3,4,4,5,5,6,6,6-tetradecafluorohexane-1-sulfonate	108427-53-8	-	-	-
6	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	-	271-094-0	Di(C6-C10)alkyl phthalate
7	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	-	272-013-1	-

To create a new Company Specific Basic Substance List, please use the corresponding function in the Administration menu and click on [Create basic Substance List](#).

Enter a name for your new “Company Specific Basic Substance List”. You may also enter a Version number and/or Validity period from – to for your new list. The ID is system generated after saving the list.

You can now **Add** Basic Substance references to your own Basic Substance List (multiple selection is possible).

You will find your own Basic Substance Lists in the Tree Filter in your MDS structure, as well as in the Where-Used-Analysis to filter or analyze all MDSs for Basic Substances with special importance for your company. In MDS Requests, you can add your Company Specific Basic Substance List to give it to your client, including the Basic Substances that should either be contained or not contained in the requested MDS.

You can also grant another company access to your Basic Substance List by simply releasing it. Please click on the [Release To](#) button on the left hand side of the screen and “Add” the company to which you want to release your list.

When you save your newly created Company Specific Basic Substance List, the added company has access to your list and can search for it in the Company Specific Basic Substance List menu to see the Basic Substance List Details or also use it in the MDS tree filter. To revoke the access, please delete the company from the list.

Note: If a Company Specific Basic Substance List is attached to a request and the access to this list is revoked, the list will be visible, but no longer accessible in the request.

Company Specific Regulations

This option is only available to Company Administrators and with a valid MDS License. Here you can search for and add or change Company Specific Regulations including Exemptions, Query Lists and IPC1754 relevant Use Descriptors. With this function the Company Administrator can create Company Specific Regulations, especially based on existing Company Specific Basic Substance Lists. The Company Specific Regulations will be displayed in the Administration > Company screen, where they can be selected for the Company and each Organization Unit individually to indicate information that suppliers must provide with regard to these regulations.

The regulations defined and in scope for your Company or Organization Unit will be shown and need to be confirmed by your supplier in the MDS Recipient Data when the supplier is adding your company as a recipient. All regulations with scope “homogenous material” are associated with a check. In case that a substance is a child of a (semi-)component and if there are regulations with scope “homogenous material” in the datasheet, the check rule will show an issue. In addition, it is only allowed to add substance references to materials, no longer to (semi-)components, if regulations referring to “homogenous material” are in scope of the MDS.

To create a new Regulation, please open the Administration > Company Specific Regulations menu and click on “Create new Regulation”:

ID	Version	Name	Validity Period	Regulation Description
21	0.1	GF_Test_Regulation	- to 25.03.2020	
182		TEST_RoHS_Copy		
241		test-reg GGI	- to 01.06.2018	
287	1	TestGGIProp	01.06.2018 to -	
288	2	test-reg GGI	01.06.2018 to 15.07.2020	
321	1	GF_Test_20180723_	23.07.2018 to -	
561	1	GF_TestRegulation_2	04.12.2019 to 25.03.2020	
721	2	GF_Test_Regulation_2	25.03.2020 to -	
725	3	GF_TestRegulation_2	25.03.2020 to -	
781	3	test-reg GGI	15.07.2020 to 29.10.2020	
801	4	GF_TestRegulation_2	22.07.2020 to -	
921	4	test-reg GGI	29.10.2020 to 31.03.2021	
1101	5	test-reg GGI	31.03.2021 to 31.03.2021	
1102	6	test-reg GGI	31.03.2021 to -	
1301	3	GF_Test_Regulation	06.10.2021 to -	
2524	1	Test_ESG	31.07.2023 to -	

You will be asked to enter a name and a “valid from” date for your Regulation and you can choose “Advanced Options”, when you want to create your Regulation based on an existing Basic Substance group/list or based on an existing Regulation.

If you want to do so, please activate the corresponding box:

Click on “Apply”.

If you have chosen to create your new regulation based on a Basic Substance group/list, you can now select a

company specific Basic Substance list to include several Basic Substances or to copy an existing list in your Regulation. If you have chosen to create your new regulation from an existing regulation, you need to select the appropriate regulation.

Your new Regulation has been added to the Regulations List table and can be opened by double click to add or remove certain Basic Substances. The Regulation Details tab will be displayed, where you can see and/or add Additional Information with regard to validity dates, version, regulation scope, Safe Use Instructions and others. You see and/or add a Confirmation and Regulation Description and attachments to your regulation:

Regulation Details

Additional Information

Regulation Id: 21
 Valid From: m/d/yyyy
 Valid To: 3/25/2020
 Regulation Name: GF_Test_Regulation
 Version: 0.1
 Safe Use Instruction: ☒ not in scope ☐ mandatory
 Regulation Scope: ☒ Component ☐ Semicomponent ☐ Homogeneous Material
 Use Descriptor: ☐

Confirmation Description: Selecting 'Yes' means that the data provided within this MDS conforms to the rules set forth in regulation GF_Test_Regulation and that all data relevant for reporting in data to be reported within this regulation is beyond scope of CDX, attachments are attached for reporting this extended scope.

No.	Name	CAS No.	Flag	Limit Value	Included	Counter Number	End date	Limit value/Restriction conditions text
1	Asbestos, actinolite	77536-66-4	D					-
2	Asbestos, amosite	12172-73-5	D					-
3	Asbestos, anthophyllite	77536-67-5	D					-
4	Asbestos, unspecified	1332-21-4	D	7800%				text numeric v...
5	Chrysotile	12001-29-5	D					-
6	Asbestos, crocidolite	12001-28-4	D					19
7	Asbestos, mesophyllite	7420-07-6	D	7800%				text numeric v...

Total records found 11

Add **Add**

The two “Add” buttons on the bottom provide the ability to add either one or more Basic Substance(s) or a complete Basic Substance Group or List to your Company Specific Regulation. Using the left “Add” button opens the Basic Substance search screen, where you can search for a certain Basic Substance with the already known parameters (e.g. CAS number, name, Basic Substance group/list) to add it to the Regulation. Clicking the right “Add” button opens a screen where you can search with name and/or ID for a certain Basic Substance Group or a Company Specific Basic Substance List. You can enter limits, end date etc. for the added Basic Substances and/or Groups and Lists in your Regulation by right-click on a table entry. Use the different “Edit” functions to add information or values.

Edit

- Set Flag
- Set Limit Value
- Set End Date
- Remove

In the Exemption Lists area you can include exemptions to your Regulation:

Exemption Lists

Regulation Name: GF_Test_Regulation
 Version: 0.1
 Valid From: -
 Valid To: 3/25/2020

No.	Name	Description	Default	IPC Code	IPC Authority Code	Valid From
1	ExempList1	ExempList1	x	3	ipc	12/22/2016
2	ExempList2	ExempList2		3	ipc	12/15/2016

Add

In the Query Lists area you can include Query Lists and statements by using the “Add” button to your Regulation:

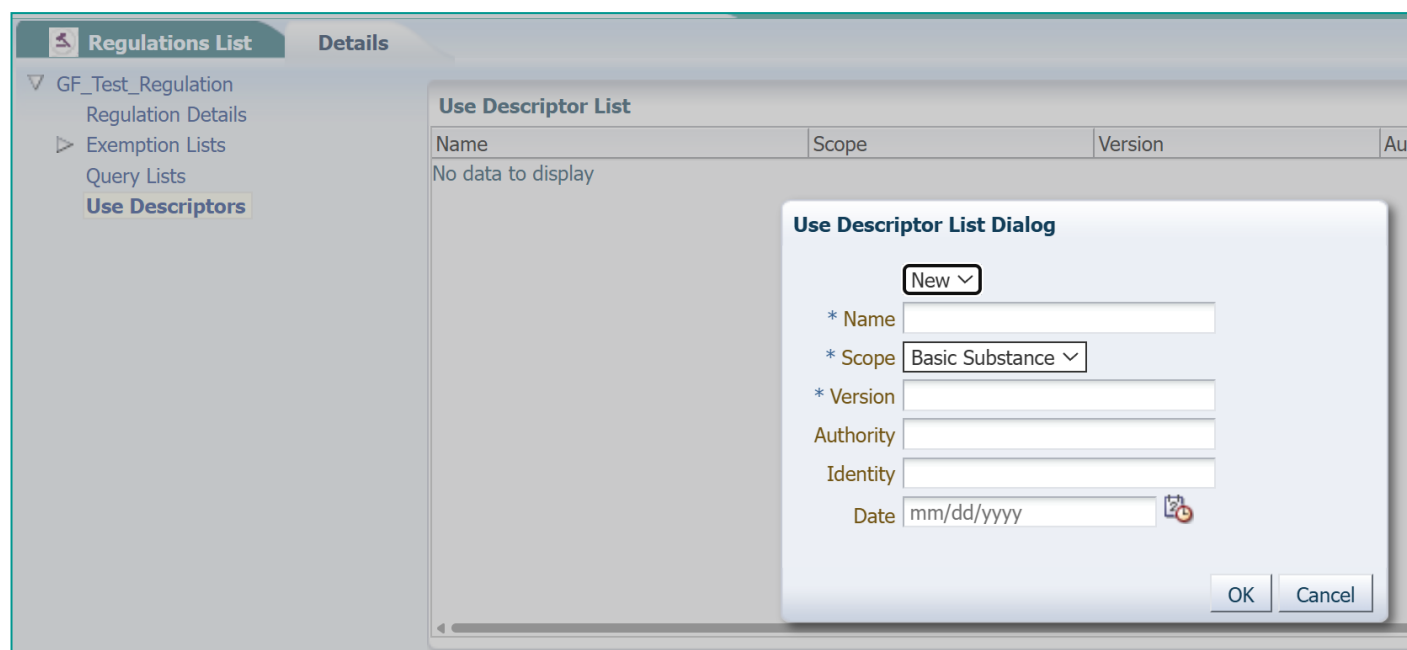
The screenshot shows the 'Regulations List' interface with the 'Details' tab selected. On the left, a tree view shows 'GF_Test_Regulation' expanded, with sub-items 'Regulation Details', 'Exemption Lists', 'Query Lists', and 'Use Descriptors'. The 'Query Lists' section is active, displaying a table with columns: List Number, Date, Authority, Identity, Version. Below this table is a 'Queries' section with columns: Statement, Authority, Identity. A modal dialog box titled '???QLA_QL_DIALOG???' is open, containing input fields for List Number, Date (mm/dd/yyyy), Authority, Identity, and Version, with OK and Cancel buttons.

In the Use Descriptors area you can administer IPC1754 Use Descriptors as additional properties for your regulation:

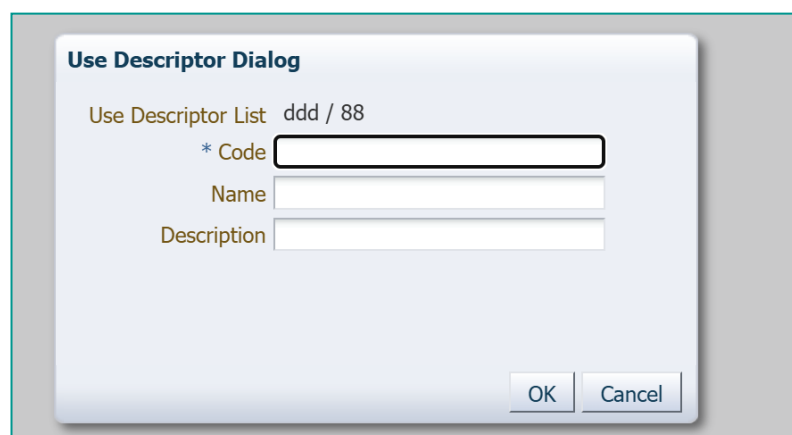
The screenshot shows the 'Regulations List' interface with the 'Details' tab selected. On the left, the 'Use Descriptors' item in the tree view is selected. The main area displays a 'Use Descriptor List' table with columns: Name, Scope, Version, Authority, Identity. Below this table is a section for 'Use Descriptors' with columns: Name, Code, Description.

Use Descriptors are an optional property of a regulation. For Use Descriptors to be set, they have to be included in a Use Descriptor List. Each regulation can have zero to N Use Descriptor Lists. Each list can contain zero to N Use Descriptors. Currently, only substance related Use Descriptors can be administered, for material level Use Descriptors, please contact the CDX Helpdesk via the Help menu or by email to cdx-servicedesk@dxs.com.

Add a Use Descriptor list by using the appropriate “Add” button, or maintain it by double-clicking on it or using the context menu (right-mouse click):



If a Use Descriptor list is selected in the top pane, you can add or change the corresponding Use Descriptors in the bottom pane, either using the “Add” button or the context menu:



Your new Regulation is now ready to be used. The Regulations List tab displays all your company specific Regulations. You can choose, if you want to see all versions of regulations or only current, future or historical (or a combination of them) versions. All Regulations can be viewed, deleted, copied to a new version or released here using the context menu:

ID	Version	Name	Validity Period	Regulation Description
21	0.1	GF_Test_Regulation	- to 25.03.2020	
182		TEST_RoHS_Copy		
241		test-reg G		
287	1	TestGGIPri		
288	2	test-reg G	15.07.2020	
321	1	GF_Test_2		
561	1	GF_TestRe	25.03.2020	
721	2	GF_Test_f		
725	3	GF_TestRegulation_2	25.03.2020 to -	
781	3	test-reg GGI	15.07.2020 to 29.10.2020	
801	4	GF_TestRegulation_2	22.07.2020 to -	

Furthermore all entries are now available in your Company Administration screen, where you can choose, to which Regulations your suppliers need to be compliant and if they need to confirm this.

Logical deletion (deactivation) of regulations is included together with appropriate handling of the deactivated regulation's exemptions and confirmations in the MDS ingredients screen.

CMD Quality Profile Manager

This option is only available to Company Administrators. Here you can search for and copy / change (own) existing profiles for the CMD Quality Reporting or create your own profiles. The Profile Manager window looks similar to other windows with a **Search** tab and a **Detail** tab. The Search tab allows you to find existing Quality Reporting profiles that are visible to you (all system-owned profiles as well as your own company created profiles) and change them. The Detail tab allows you to view the details of these profiles. Company owned profiles can change at this point by adding or deleting individual rules.

You can search for profiles using the following parameters:

Field	Description
Name	You can enter a name of a profile if known.
ID	You can enter here the system-generated ID of a profile if known.
Date from – to	You can narrow down your search to a defined time period a profile was issued.
Origin	Please select if you want to see all or only system-owned or your own company's profiles.

Field	Description
Template Version	Please select the template version you want to see in the corresponding profiles.

Create a Profile

To create an own profile and assign checks to it, please use the “Create Profile” button in the upper right of the screen:

To define your profile, please insert the required information: Name of the profile (required), Description for your profile, Template Version of the profile upon which it should be based. All other information in the upper portion of this window is system-generated and not editable.

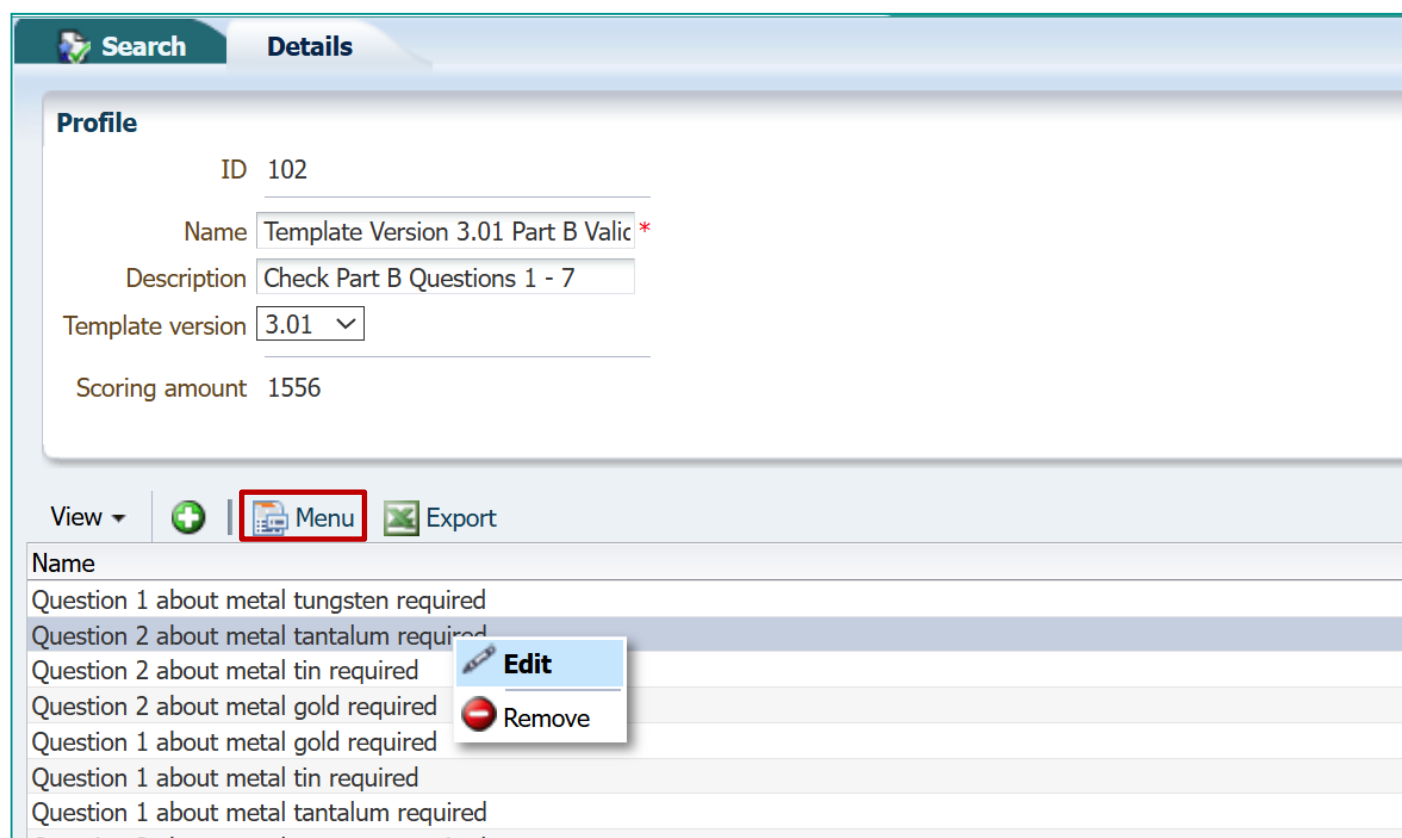
Now you can start adding the required checks for your new profile by using the button. A separate window opens, where you can select various rules which should be the content of your new Quality Reporting profile. If you search without any further selections, all available rules will be shown:

Name	ID	Issue date	Group	Violation Class	Severity	Type	Template version	Scope	Profile
Company name required	101	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Company name required	101	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Declaration scope required	102	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Declaration scope required	102	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Representative name required	103	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Representative name required	103	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Representative email required	104	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Representative email required	104	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Date of completion required	105	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Date of completion required	105	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Representative phone required	106	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Validation
Representative phone required	106	11/27/2014	Declaration Page part A	Fatal	-	Is required	3.01	System	Template Version 3.01 Part A Validation
Release Date overdue	107	11/27/2014	Declaration Page part A	Information	-	Is not allo...	3.01	System	Template Version 3.01 Validation
Release Date overdue	107	11/27/2014	Declaration Page part A	Information	-	Is not allo...	3.01	System	Template Version 3.01 Part A Validation
Question 1 about metal tantalum requir...	201	11/27/2014	Declaration Page part B	Error	9	Is required	3.01	System	Template Version 3.01 Part B Validation
Question 1 about metal tantalum requir...	201	11/27/2014	Declaration Page part B	Error	9	Is required	3.01	System	Template Version 3.01 Validation

You can also search for special rules by the following criteria:

Field	Description
Name	You can enter a name of a rule if known.
ID	You can enter here the system-generated ID of a rule if known.
Type	You can select the following conditions: Is required; Is not allowed; Conditional required; Conditional not allowed; Yes/No – Is yes; Yes/No – Is no; Pick List – Equals text; Pick List – Not equals text.
Violation Class	You can select the following classes to search only for rules that result in: Fatal, Error, Warning, Information messages.
Severity	You can select a number from 1 to 9 to search only for rules with a certain severity (1 = low; 9 = high).
Group	You can select a group for which the rules to search are specified: Declaration Page Part A, Part B, Part C, Cross-Tab, Smelter List Tab
Origin	System-generated information, where the rules are originated
Template Version	Please select the template version you want to see for the corresponding rules.
Date from – to	You can narrow down your search to find a defined time period when a rule was issued.

A Quality Reporting profile can have as many checks as you want. Just continue highlighting the required rule(s) (multiple selection is possible) in the result table and click  to add to the profile. When you click , all rules from the result table will be assigned to your profile. Should you choose to remove a rule, highlight the check in the CMD Quality Profile Manager's details tab and use the context menu or the right-click on your mouse to "Remove" it from your profile.



Search **Details**

Profile

ID 102

Name Template Version 3.01 Part B Valic *

Description Check Part B Questions 1 - 7

Template version 3.01

Scoring amount 1556

View   Menu  Export

Name
Question 1 about metal tungsten required
Question 2 about metal tantalum required
Question 2 about metal tin required
Question 2 about metal gold required
Question 1 about metal gold required
Question 1 about metal tin required
Question 1 about metal tantalum required

Edit

Remove

For all available checks with Violation Class "Warning", the Company Administrator can change in the company's own profiles the Violation Class as well as the Severity – depending on the company's requirements. To do this, please double click on a rule in the table or use either the context menu or the right-click on your mouse. A separate window opens with information about the selected rule, where the Violation Class and Severity can be changed:

CDX - Compliance Data Exchange

Edit rule

Name
Question 4 about metal gold not "no"

Description
Question 4 about metal gold has not been answered with "no"

Group
Declaration Page part B

Type
Pick List - Equals text

Violation Class
Warning

Severity
5

Scope
Company

Apply

Cancel

Deficiency Report Manager

This option is available to Company Administrators only. Here you can set up a standard template for generating CMD Deficiency Reports to be sent out to your supplier(s). The Deficiency Report Manager window is divided into two parts. In the first part, "Select Deficiency Report," you need to define at least one standard quality profile(s) for generating deficiency reports according to the CMD templates supported in your company. The selection can only be modified in the Deficiency Report Manager.

In the second part, "Send Information," you can pre-define send information such as:

- Default report language
- Email address to which the report should be sent in the "cc"
- Email address and name for the person to which the email should replied
- Subject (system generated information can be included as placeholders, e.g. CMD name, requester company ...)
- Report language
- Introductory Header (here you can also include placeholders, e.g. CMD name, requester company ...)
- Footer Text

The information provided in the "Send Information" area will be initially included in all deficiency reports. They can be edited in the deficiency report before sending. The given information can be viewed with the Preview button at the bottom right of the window.

Deficiency Report Manager

Information
As company administrator you can set up a standard template for generating deficiency reports.

Select Deficiency Report
Please define (at least one) standard quality profile(s) for generating deficiency reports according to CMD templates supported in your company. The selection can only be modified here.

Template version (6.x) Template version (5.x) Template version (4.x) Template version (3.x) Template version (2.x)

Send Information
The information provided here will be initially included in all deficiency reports. And they can be edited in deficiency report before sending.

Select a default report language

Cc

Reply To Reply To Name

Following place holders are allowed in subject line: {CMDName}, {RequesterCompanyName}, {SupplierCompanyName}.

Subject (German) Report Language

Introductory Header (German)

Following place holders are allowed: {CMDName}, {RequesterCompanyName}, {SupplierCompanyName}, {ReplyEmailAddress}, {ResponseDate}.

[Preview](#)

Org Unit Report

To successfully use Organization Units, each Organization Unit must have a user assigned. Only users with the Organisation Unit assigned can view, accept or reject MDSs sent to the Org Unit.

The menu **Administration > Org Unit Report** is used to check the Organisation Units without assigned users, , but containing created or received MDSs

Org Unit Report

Company
Company Name CDX Service Team (Germany) ID 0
Zip Code 65428 City Rüsselsheim
Country Germany

Org Units without users having MDSs linked to
View

Org Unit Name	ID	Zip Code	City	Country
All organization units containing datasheets have at least one user assigned				

The Company Administrator needs to regularly check this report to assign unprocessed MDSs to Organisation Units. If a supplier sends an MDS to an Org. Unit without a user assigned, no one will know that it has been received. This is because only users with the Org Unit assigned to them can view the inbox of that Org Unit. If necessary, the report can be printed.

Statistics

In **MDS specific statistics**, as well as in **CMD specific statistics** within the Statistics menu, the Company Administrator can filter for different statistical dates, which are described in the following table:

Field	Description
All Org Units	Activate the Checkbox to search for MDS /CMD statistics in all Org Units of your CDX company.
Org Unit	If "All Org Units" is not checked, you can choose an Org Unit of your company to see statistical dates for this one Org Unit.
Period / From – to	You can narrow down your statistics to a defined time period.
Source	Choose if you want to see statistical dates for CMD or for CMD Requests. (only available in CMD specific statistics)
Origin	Please select if you want to see the statistical dates for received, sent or own MDSs / CMDs.

The search result table will list the MDS / CMD amounts for all Org Units you request, in the following states: accepted, not yet browsed, modified, rejected and cancelled by sender.

MDS specific statistics

The table contains all active/organizations of your company registration

All Org Units ☒

period ☐

Origin received

Org Unit CDX Service Team (Germany)

from 09/18/2025

to 09/18/2025

View

Export

Org Unit Name	accepted	not yet browsed	modified	rejected	cancelled by sender
20250918	0	0	0	0	0
CDX Service Team (Germany)	472	4132	2	29	5
MRV Inc.	0	0	0	0	0
OU01 - Getriebe	0	0	0	0	0
test	0	0	0	0	0
test1	0	0	0	0	0
Test_GZ	0	0	0	0	0
Under-Test	0	0	0	0	0

Information for CMD Requests will be shown for the following states: received, CMD attached, waiting for acceptance, completed, rejected, deleted, Requests sum, and Requests overdue.

CDX USAGE HELPERS

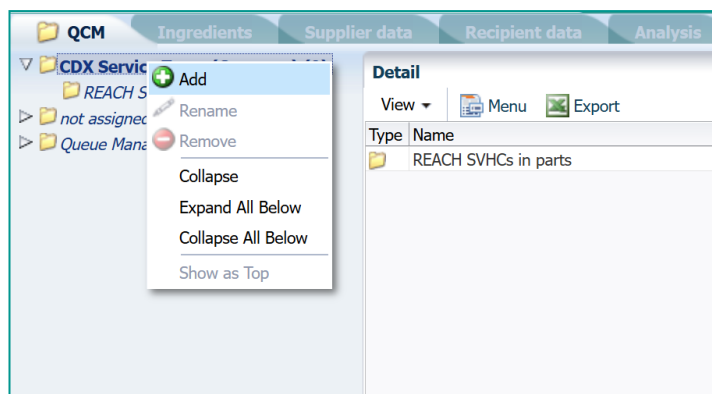
There are several tools available that will assist you in working in CDX.

MDS Queue and Collection Manager (QCM)

The MDS QCM (📁) is available in the "MDS View" and is very helpful to organize MDSs and MDS Requests as well as your SCIP submissions. Users can control their own directory structure. MDSs, MDS Requests and directories can be moved and copied from one directory to another. The total amount of contained MDSs and MDS Requests is displayed in brackets behind a directory's name (this includes MDSs and MDS Requests in contained directories). A double click opens the MDS or MDS Request.

Moving MDSs, MDS Requests and Directories is done by drag & drop. Users can hold "CTRL" on the keyboard to create a copy instead of moving it. It is important to understand that creating a copy does not copy the MDS or MDS Request, but creates a second "link" to it in the other directory. MDSs (own and accepted) and MDS Requests (own and received) that have not yet been moved to a directory can be found in the always-present "not assigned" directory.

Starting out, you need to add a directory. Right click on the top of the tree and select Add



You can then navigate and move MDSs from the Unassigned into the appropriate folder similar to how you work on your PC. To select more than one item, hold down the <CTRL> key while clicking on the items. When done selecting, drag them to the appropriate directory.

In addition, there is another static folder called 'Queue Management'. This folder includes the SCIP submissions' folder and the "IMDS Import" folder.

SCIP Submission

The SCIP Submission folder can contain multiple other folders. The folder names are the different creation times of different SCIP Dossier Uploads. By clicking on the child folder of the directory SCIP Submissions', the screen will be displayed like in the figure below.

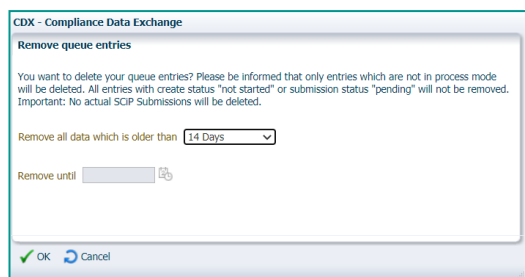
The **MDS Folder** contains all own MDSs regardless how the MDS was created (either manually through MDS creation screen, automatically through the upload API (xml) or automatically through Excel upload functionality), after that if a request was made to submit a SCIP dossier for such MDS to ECHA (either by putting the value of the attribute scipCompliance="true" in the uploaded xml file, manually by selecting MDS and then pressing on Upload button, or by uploading SCIP excel template to the system), then the details of that submission should be placed in the Queue Management - **SCIP Submission Folder**.

At the initial loading of (SCIP submissions folder), only the latest 500 submissions are retrieved, further data can be retrieved using the following search parameters (Upload date range, Main part no., Module ID, Node ID) where the search result is also limited to the latest 500 records.

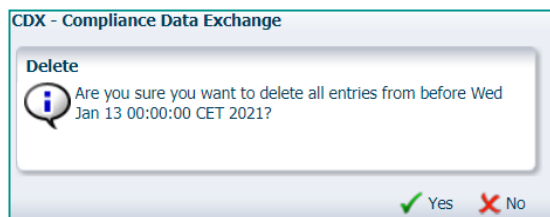
Type	Notification Type	Company ID	Company Name	Name	Creation Status	Intern Validation Error	Submission Status	Submission Number
SCIP	0	CDX Service Team (Germany)	SCIP Test	Successful		Report is ok	HUD781010-24	
SCIP	0	CDX Service Team (Germany)	test al	Failed	internal Exception			
SCIP	0	CDX Service Team (Germany)	12TML345_1	Failed	No reportable content (SVHC) can be found.; Article Category missing...			
SCIP	0	CDX Service Team (Germany)	ABCDEFG401	Failed	No reportable content (SVHC) can be found.; Article Category missing...			
SCIP	0	CDX Service Team (Germany)	ABCDEFG401	Failed	No reportable content (SVHC) can be found.; The component (NodeL...			
SCIP	0	CDX Service Team (Germany)	SCIP Test	Successful		Report is ok	PLL689254-98	
SCIP	0	CDX Service Team (Germany)	testScip	Successful		Report is ok	VST636594-70	
SCIP	0	CDX Service Team (Germany)	scip_test	Successful		Report is ok	VST291327-95	
SCIP	0	CDX Service Team (Germany)	scip_test	Failed	internal Exception			

In the "Details" section the following will be displayed above the table:

- User ID of the user who has started the SCIP Submission upload job
- Status of the job
- Buttons to cancel or resume the job. These buttons will only be displayed for company administrators and the user, who has uploaded the SCIP Dossiers. By clicking on the button "remove queue entries by date" the following screen will appear. The user can decide if he wants to delete all entries older than 14 days, 3 or 6 months. In addition, the user can use an own date.

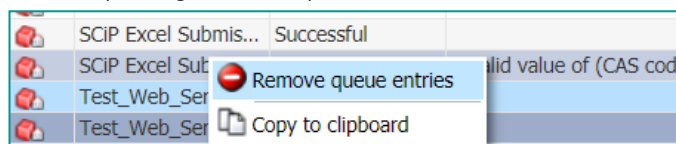


After clicking on the OK button the following window will appear:



After confirming this screen, the entries will be deleted.

It is also possible to remove selected entries from the QCM. Do a right click on the selected entries (datasheets) and click "Remove queue entries". After clicking the button, the user will be asked again if he really wants to delete the entries. (see figure above)

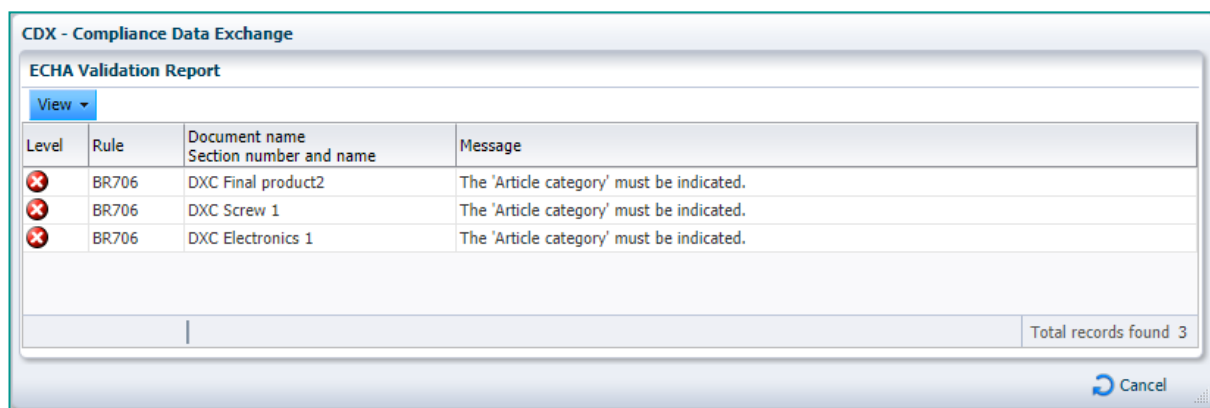


Important: Only entries which are not in process mode (create status "started" or submission status "pending") will be deleted.

In case a SCIP creation or submission status has failed, the button "Restart job" will be enabled by clicking on the associated row.

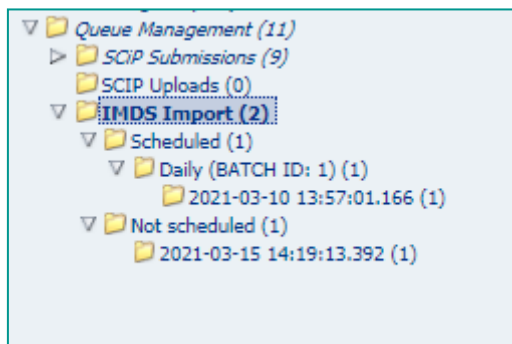
In case failed submission and ECHA validation report is available, a link "Echa validation report" is provided in the column "Submission Status" for each related submission.

Clicking on that link will display a separate dialog showing all validation messages generated by ECHA.

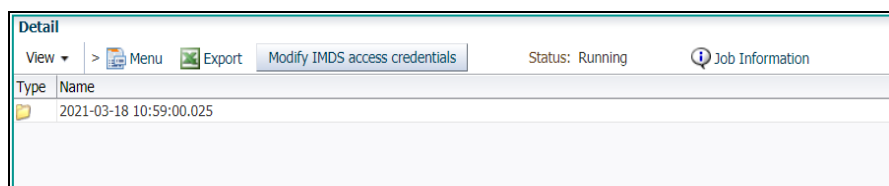


IMDS Import

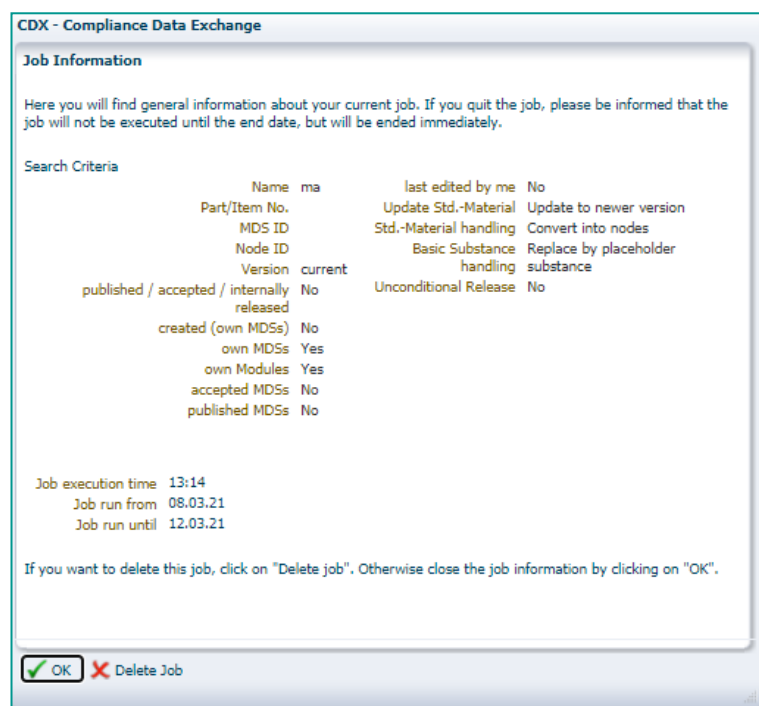
The IMDS Import folder contains a scheduled and non-scheduled folder. A Company Admin can create an import job using the IMDS Import screen. (Import / Export MDS) A job can be executed once (not scheduled folder) or daily/weekly (scheduled folder). Every job which is executed once will be created in a new folder including the execution date and time. A scheduled job has a subfolder called Daily or Weekly including the Batch ID. All executions will be displayed in different subfolders of the Daily or Weekly folder (see figure below).



The details section of the Daily/Weekly folder looks like in the following figure. The status is the overall status of the job. A click into the date/time folder in the Daily/Weekly folder will show the status of this explicit upload.



The Job Information includes information about all the search params of the job. Further the company admin can delete the job.



For each IMDS import batch in QCM, the user can modify the originally provided IMDS access credentials (User ID, password) needed to import data from IMDS by pressing (Modify IMDS access credentials) button, upon clicking the button, the user will be prompted to enter valid User ID and password which will be verified in IMDS system, after successful verification, the user should press the (Modify credentials) button to perform the modification.

CDX - Compliance Data Exchange

Use your IMDS user id and password to log on to the IMDS company containing the MDSs you want to import into CDX. Please note that this company requires an IMDS-AI license in order to use the IMDS MDS Import functionality.

Import IMDS MDS - IMDS Login

User ID

godrh001

Password

Modify credentials

Cancel

In general, the details include all the datasheets which are imported or which have to be imported as displayed in the figure below.

Type	Name	Creation Status	Error description	IMDS Node ID	ID / Version	Node ID
	YTest	Successful		2000158010	200299352 / 2	200300615
	YRRecycPla	Successful		2000158006	200299351 / 2	200300614
	Uploaded material 9floatingperc	Successful		1000000031367	200299350 / 2	200300613
	TS Test SCIPDossier_ArticleIdentifier	Successful		2000156626	200299348 / 2	200300611
	TS SVHC Material	Successful		1000000023207	200299347 / 2	200300610
	TS SCIP Material	Successful		2000156620	200299346 / 2	200300609
	TS SCIP Component 001 (no SCIP d...	Successful		2000155222	200299343 / 2	200300606
	TS SCIP	Successful		2000155862	200299341 / 2	200300604
	TS R06 Reporting Test MDS 2	Successful		907051769	200120804 / 0.02	200300601
	TS R06 Reporting Test MDS 1	Successful		907108524	200120795 / 0.02	200300592
	TS R06 Reporting Test MDS 1	Successful		907051780	200120786 / 0.02	200300583
	TS R06 Reporting Test MDS - Simpl...	Successful		907052112	200252964 / 1	200300578
	TS R06 Reporting Test MDS - Simpl...	Successful		907052118	200252960 / 1	200300574
	TS OSA Reach Non-Complex Compo...	Successful		1000000021982	200299297 / 2	200300530
	TS OSA Reach Mixed-Complex Com...	Successful		1000000022247	200299292 / 2	200300525
	TS OSA Reach Complex Component...	Successful		1000000022258	200299283 / 2	200300517
	TS OSA Aggregation Sample - Mixe...	Successful		1000000023201	200299276 / 2	200300510
	TS Confidential Test Component 5 - ...	Successful		1000000029982	200299264 / 2	200300502
	TS Component with SCIP data	Successful		2000158028	200300494 / 1	200300494
	TRUNK LID UPPER PANELING	Successful		2000152834	200299262 / 2	200300492
	ThM recylate Polymer	Successful		1000000028095	200299260 / 2	200300490
	ThM Name_EN 01	Successful		1000000021721	200299259 / 2	200300489
	ThM Material2000155826	Successful		2000155826	200299258 / 2	200300488
		Ignore	Skipping MDS (Node-ID: 1000000021865) because it was already imp...	1000000021865		
		Ignore	Skipping MDS (Node-ID: 2000151837) because it was already importe...	2000151837		

Clipboard

The clipboard function is available in the “MDS View” (Functions menu) and can be used to hold Material datasheets, Basic Substances and Requests for easy access. For example, a Material often used can be kept in the clipboard for reuse in different Material datasheets in the session.

If you login to CDX the first time, you can open the Clipboard using the menu Functions > Clipboard. It will be shown at the right hand side of your window:

Next time you login, the Clipboard will be still visible with all the information brought from your last login. So you can use your favorite data from the clipboard without searching for them again.

If you don't need the Clipboard the entire time you are working in CDX, you can use the small arrow at the bottom left-hand corner of the clipboard screen to collapse it.

To remove any entry from the Clipboard, please use the button.

Tree Search

This functionality allows you to find specific items in a tree structure. It is activated by clicking on the , when you are working in the details screen of an MDS, CMD or a EMD.

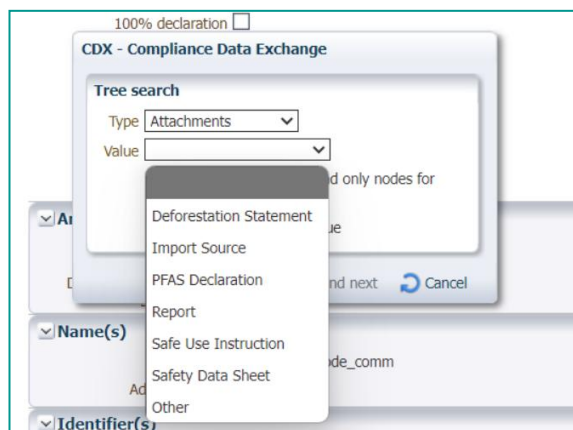
Depending on the document type, you can search for:

- Nodes (for MDSs)
- Smelters (for CMDs)
- Smelters and Mines (for EMDs)

A window similar to the following will open:

You can text search the tree (we suggest that you use a wild card search if using a text search) or you can look for a Name, Number, MDS ID, Node ID, CAS No. or Attachments (for MDS); Metal, Name, Country, ID or Type (for CMD) in the tree. This is very useful if the structure has several nodes.

You can search the tree for components with attachments by selecting the document type from the drop-down list. The system will highlight the first object (component, semi-component, or material) that has attachments matching the selected document type. This feature is particularly useful for navigating structures with multiple nodes and identifying specific document types across different components.



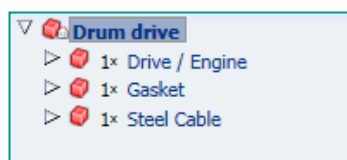
Basic Substance Groups

Frequently, users need to know where certain Basic Substances (e.g. RoHS, REACH or GADSL relevant) are reported in your products. While you could do a one by one search, this would be somewhat time-consuming. For that reason, CDX has implemented several Basic Substance Groups. These Basic Substance Groups are used in searching for Basic Substances, Tree Filters, and Where-Used Analysis. These groups are constantly being added. Here are some of the more commonly used groups:

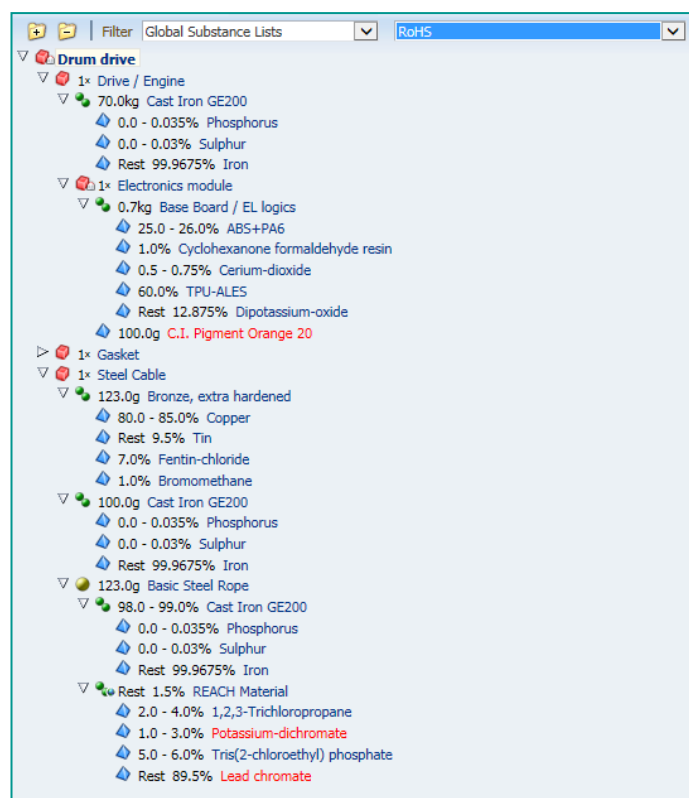
- Conflict Minerals
- GADSL: Declarable
- GADSL: Prohibited
- HKC Relevant
- Rare Earth Elements and their Compounds
- REACH SVHC
- RoHS

Tree Filters

Tree filters allow you to find Basic Substances in certain groups in your tree structure. For example, if you want to see all of the RoHS Substances in your tree structure:



You first need to expand your entire tree structure and then select the group RoHS from Global Basic Substance Lists (default). All the Basic Substances that are in the group RoHS are displayed in red, as shown in the following example:

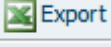


You may also use your own Company Specific Basic Substance List or any specific list from companies that granted access to their list(s). You can find all possible Company Specific Basic Substance Lists in the Tree Filter when you choose the filter “Company Specific Basic Substance Lists” instead of the default “Global Basic Substance Lists”.

Configure Search Results

The user can configure any search result to meet their needs. Although not detailed here, all search-specific results work similarly. If click on View, you will be allowed to change what columns are in the results table and their order and sort by specific columns. To remove a field from the display, click on that field (to add back in, click on the field again). If you right click on a specific MDS in the search results screen, you will have another set of options, depending on the type of search you are performing.

Export Search Results

The user can export search results where the symbol  appears. Mostly this function requires a valid MDS or CMD Manager License, which can be ordered by the Company Administrator in the Administration > CDX Licenses menu. The exported data is represented in the same language (and sort order) as the view in the result table. Clicking on the icon will open an area similar to the following where you can determine your next action:



COMPANY SPECIFIC ENHANCEMENTS

Supplier Part Number Recipients

Certain companies require supplier part numbers (internal numbers) from their suppliers. CDX supports this requirement with visible Part/Item Numbers for companies marked as Supplier Part Number Recipient (SPNR).

If your company needs the supplier part number from the suppliers, you can contact the CDX Helpdesk via the Help menu or by email to cdx-servicedesk@dx.com to be marked as Supplier Part Number Recipient.

When the supplier creates an MDS and adds the SPNR marked company to the recipients the supplier's Part/Item Number(s) will be copied from the Ingredients Tab into the "Transfer Information" in the Recipient Data Tab. The supplier (MDS creator) can remove the automatically filled numbers, or can also add more numbers.

For the recipient company the Supplier Part/Item Number is displayed in the Transfer Information of the Recipient Data.

Bosch Group – Specific Extensions

If your company delivers to the Bosch Group, the following enhancements should be noted:

Bosch Supplier Registration

Bosch supplier companies need to be registered in CDX through the SupplyOn portal. Only companies with a SupplyOn ID in CDX are able to add Bosch as a recipient to their submissions. Other companies will receive the following error message: Only registered suppliers of Bosch are allowed to send data to Bosch. If you are a supplier company to Bosch and don't have a SupplyOn ID (shown in your company details available for Company Administrators in the Administration > Company menu), please contact Bosch.

MDSs provided by customer

To streamline the process, users in the Bosch Group are able to publish their own or accepted MDSs to their suppliers. The supplier companies can then use those MDSs "provided by customer" in their own MDSs. An additional field to search for such MDSs is available to all Bosch suppliers in the following search screens: MDS Search, Component, Semicomponent, and Material Search.

One Level Declaration

If you want to send a One Level Declaration MDS to the Bosch Group, you should add minimum one document with further information in the attachment area of the MDS. If no document is attached, a warning message will occur when the check routine is executed.

Part / Item Number

Suppliers to the Bosch Group can insert in the recipient specific Part / Item Number field not only single numbers, but also ranges of numbers, for example:

The entered number should be entered as 1-10 alphanumeric characters (must be identical for upper and lower limit) not allowing anything other than "a-z", "A-Z" and "0-9") followed by 3 numeric digits. The entered number ranges will be checked by the system. In case you enter wrong numbers, you get an error message.

Regulations

Bosch is asking their suppliers for compliance with specific regulations. The formerly used N2580 template information will be now requested in CDX. To create a Component or a Material MDS, suppliers to Bosch should use the “[Regulation Wizard](#)”, in which the user will be guided through the several Bosch specific regulations and the required information will be requested.

Company Specific Recipient Data

When you add Bosch as a recipient to an MDS you will find a section “Company specific” in the recipient data, which has to be filled for the company specific regulations:

Company specific

Confirmation

Regulation	Regulation complied?	Relevant data provided?
Bosch Diverse	Please select appropriate value	Please select appropriate value
Bosch PAH	Please select appropriate value	Please select appropriate value
Bosch Plasticizers	Please select appropriate value	Please select appropriate value
Bosch Manufacturi...	Please select appropriate value	Please select appropriate value
Bosch Cooling Lub...	Please select appropriate value	Please select appropriate value

Please answer the questions for each company specific regulation:

- Regulation complied? – Select **Yes** if the regulation applies and the product meets requirements; **No** if the product is subject to the regulation but non-compliant; or **Product Not affected** if the regulation does not apply to your product
- Relevant data provided? – Select **Yes** if formal compliance data (e.g., test reports) is attached; **Other declaration format** used if you are supplying alternative evidence (e.g., supplier letters); or **No obligation to declare** if the regulation does not require data reporting (e.g., thresholds are not exceeded).

Note: If any regulation-related question is left unanswered, the check routine will generate an error message, preventing you from sending or proposing the MDS to Bosch.

Regulation Basic Substance Overview

Detail information regarding Basic Substances related to Bosch specific regulations can you find in the “MDS View”, menu **Functions > Basic Substances > Regulation Basic Substance Overview** menu. Please select “Company specific” and the respective company (Bosch). In the drop-down field “Regulation” are all Bosch specific regulations available to be selected. The result table shows all Basic Substances relevant for the chosen regulation with Name, CAS No., EU-Index, Einecs-No. Node ID, Synonym, D/P (declarable/prohibited or both), and Entry, Limit Value, End date for this regulation:

CDX - Compliance Data Exchange

Regulation Overview

☐ Common ☒ Company specific

Company Name Bosch Group [900778]

Regulation **Bosch Plasticizers**

View ☒ Export

Name	CAS No.	EU-Index	Einecs-No.	Node ID	Synonym	D/P	Entry	Limit Value	End date
Di-n-octylphthalate	117-84-0	-	204-214-7	1691	ISO 1043-3	D	E2009		06/06/2019
1,2-Benzenedicarboxylic acid, diisooctyl ester	119-07-3	-	204-295-9	45262707	Phthalic acid, decyl...	D	E2009		
Dimethyl-terephthalate	120-61-6	-	204-411-8	857528	1,4-Benzenedicarboxylic acid, dimethyl ester	D	E2009		
Dimethyl-phthalate	131-11-3	-	205-011-6	1619	-	D	E2009		
Diallyl-phthalate	131-17-9	607-086-00-4	205-016-3	1492	Allyl Phthalate	D	E2009		
1,2-Benzenedicarboxylic acid, diisobutyl ester	131-18-0	-	205-017-9	10448620	Dipentyl phthalate	D	E2009		
Di-isodecyl phthalate	26761-40-0	-	247-977-1	1606	Bis(8-methylnonyl) phthalate	D	E2009		
Diisobutyl-phthalate	27253-26-5	-	248-368-3	2415104	1,2-Benzenedicarboxylic acid, diisobutyl ester	D	E2009		
Diisooctyl-phthalate	27554-26-3	-	248-523-5	310086	Di"iso-octyl" phthalate	D	E2009		
Di-isononyl phthalate	28553-12-0	-	249-079-5	1608	Bis(7-methyloctyl) phthalate	D	E2009	0.1	
Diundecyl-phthalate	3648-20-2	-	222-884-9	11690	1,2-Benzenedicarboxylic acid, diundecyl ester	D	E2009		
1,2-Benzenedicarboxylic acid, diundecyl ester	41451-28-9	-	-	81004610	-	D	E2009		
1,2-Benzenedicarboxylic acid, diisobutyl ester	605-50-5	-	210-088-4	10449447	Diisopentyl phthalate	D	E2009		
1,2-Benzenedicarboxylic acid, diisobutyl ester	68515-47-9	-	271-089-3	11697	DTDP	D	E2009	0.1	
Dicyclohexyl-phthalate	84-61-7	-	201-545-9	1556	DCHP	D	E2009		
Diethyl-phthalate	84-66-2	-	201-550-6	1565	Ethyl phthalate	P	E2009		
Diisobutyl-phthalate	84-69-5	-	201-553-2	1604	Phthalic acid diisobutyl ester	D	E2009		
Diethyl-phthalate	84-75-3	-	201-559-5	3349068	1,2-Benzenedicarboxylic acid, diethyl ester	D	E2009		
Diundecyl phthalate, diisobutyl ester	85507-79-5	-	287-401-6	80994	1,2-Benzenedicarboxylic acid, diundecyl ester	D	E2009		

Total records found 19

If your company has a valid MDS License, you can also export the displayed results for each regulation to an MS Excel file using the  **Export** button.

CDX SECURITY

The following section describes the system's protection from external tampering and the mechanisms within the application which allow authorised data access only.

Physical Security

CDX computers are kept in the DXC's Service Management Centre (SMC). The DXC SMC ensures the servers' physical safety and provides the appropriate infrastructure (network availability, protection against system failure, etc.). Only authorised persons (operating and system administrators) have access to these machines, making physical manipulation or impairment of the operating system extremely difficult and highly unlikely.

Operating System Security

The CDX system uses the UNIX operating system. Only DXC administrators are allowed to access at an operating system level. DXC standard procedures guarantee protection against external attempts to gain access to the system.

Database Security

The CDX system uses an Oracle database. Access to this database is only allowed to system and database administrators. All persons are subject to data secrecy as per §5 BDSG (German Data Privacy Act).

Network Security

Network security needs to be considered at three levels: Firewall Security, Data Transfer and Web Server.

Firewall Security

A firewall is a system or a group of systems controlling access between two networks. The firewall uses two mechanisms: one for rejecting data and another for enabling the data flow. Firewalls shield internal, non-public networks from public networks and, at the same time, serve as filters for authorised communication. In this case, the firewall also acts as the first buffer between possible infiltrators and the CDX system data requiring protection. All access to the CDX system is logged and can be analysed.

Data Transfer

The CDX system uses the encrypted HTTPS data transfer protocol. Safe transmission of data over the Internet can only be guaranteed when the data is appropriately encrypted. The HTTPS encryption has 3 effects: 1) remote authentication (verify that you really talk to www.cdssystem.com); 2) it ensures that no one is able to read the data; 3) it makes sure that any data manipulation is noticed (using a hash code).

Web Application Server

The selected J2EE Server provides another means of securing the system by offering protective and availability features.

Application Security

Companies in CDX must register their users with the system. New users receive an initial system-generated password which must be changed upon first login. All passwords created by CDX users must meet the following password policy system requirements:

- Password length - a minimum of 14 characters
- Password complexity - a minimum of 1 uppercase character, 1 lowercase character, 1 numeric, and 1 special character

Passwords are case sensitive and are limited to ISO 8859-1 characters.

- Password expiration - 90 days

As a base rule, access to CDX data resources is allowed for authorized users identified by unique user names and passwords. Access to specific web areas and/or data items is granted depending on the user's data access profile and the ownership of the data item. Only users with a specific profile are allowed to execute certain actions

on certain data in the application (see User Profiles).

CDX – ADD-ON SERVICES

In addition to providing the CDX system, DXC can assist you in implementing technology to support your Compliance efforts. More information on all additional services concerning the CDX can be found on our internet pages: www.cdssystem.com

Project Support

DXC provides Integration and Consulting Services to support CDX users in the design and implementation of Best Practice processes and solutions surrounding data integration. DXC can help minimize the cost and effort involved with data preparation, entry and reporting when using the CDX system.

CDX – BASIC INFORMATION

The following section contains basic information about the CDX system.

Terms of Use for CDX

To exclude any use of the CDX data for other activities (e.g. address data) every CDX user must accept the CDX Terms of Use at first log-on. The Terms of Use are also available from a link on the CDX login window.

Browser Versions for CDX Use

The following browsers have been tested and grant the full functionality of CDX. Versions not listed below, have not been tested sufficiently.

- Microsoft Edge (current version)
- Mozilla Firefox (current version)
- Google Chrome (current version)

However, most of the functions in CDX should work with these browsers. The Microsoft Internet Explorer (IE) 11 and older versions explicitly excluded for the CDX Application use.

All browser versions supported by the CDX application can be found on the Information Pages (www.cdssystem.com) under **How To Start → System Information → Browser Versions for CDX**.

Languages

Languages for the application itself can be chosen: German, English, Spanish, Portuguese, French, Italian, Russian, Japanese, Korean and Chinese. All the labels, menus, buttons etc. will appear in this language. However, DXC assumes that all data entry is performed in English only. Extended characters such as Cyrillic or Chinese are not accepted for data fields. Also CDX does not translate the entries in the data fields.

The Online help file is available in English. The language displayed depends on the language selected during logon. Popups need to be allowed in the Browser settings as the User Manual is displayed as a PDF document in the user's browser.

Automatic Log-Out after 60 Minutes Inactivity

In order to guarantee system availability for all CDX users, users who have not initiated an activity in CDX for 60 minutes will be automatically logged out. Users who have been logged out due to inactivity must log in again in order to continue working in CDX.

In addition, CDX enforces single-tab usage per browser session. When a user opens CDX in one browser tab and then opens it again in a second tab using the same session, the system automatically detects this situation and blocks the additional tab. The blocked tab is redirected to a Single-Tab Warning Page and no further interaction is possible from this tab. To continue working, users must return to the original active tab or close all tabs and start a new session. This restriction helps prevent inconsistent navigation behavior, protects session integrity, and

reduces the risk of data conflicts.

Selecting an Item

Double click on an item brings up the Details of the item. You may also right-click and select the Show option.

Faded Icons / Symbols

If the symbol of nodes in the product structure is displayed in a faded colour, this referenced MDS or Basic Substance was deleted.

Basic Substances

Basic Substances cannot be created the same way as Components, Semicomponents or Materials. If you do not find the Basic Substance you need, please use unique identifiers like the CAS number for searching the particular Basic Substance. Should you require a Basic Substance to be added to the list, please use the Basic Substance Request option in the **Functions** menu in "MDS View".

Network Performance Index

The PC internet access capacity for using the CDX is standardized to one ISDN capacity (64 Kbit/s). If the system appears to operate slowly, this can be due to several factors (e.g. the internet connection in your own company or the performance of the internet server of the internet service provider). To test the performance, CDX provides a self-test that you can perform in the system. In the analysis, you can also see comparison values.

The Network Performance Test can be found in the CDX after log-on by clicking the "Network Performance Index," in the Help menu. The result browser window contains the Network performance for your PC.

CDX Network Performance Index Report

Hostname: www.cdssystem.com

Test Finished.

I. Introduction:

Generally users see as performance related issues

1. System is slow (long response times) but functionality working correctly
2. System unexpectedly logs users out of the application
3. Data retrieved from the application is not loaded correctly/complete into the screens

Bullet 2 and 3 might have different reasons, although experienced in a few cases could be caused by slow performance in combination with the client's Browser behavior. DXC completed various individual performance investigations for CDX-users having problems due to long response times. The experience and results of these activities were bundled in here and should help together with your personal measure results to solve your performance issues.

Please take this report containing your measures and descriptions and contact in your company the adequate IT specialists for help.

II. Client - Network Measures:

5 single measures and average in absolute time value.

Client:

The speed of the client Javascript implementation is of primary interest regarding the performance of a modern-UI Web-Application. Reference is a standard PC with 2GB RAM, a processor with 3 GHz and Internet Explorer 9. This measure shows the time needed to perform some javascript code on your browser. Lower is better.

Test #	Your Values	Comparison Values
1	36 ms	70 ms
2	40 ms	70 ms
3	37 ms	70 ms
4	35 ms	70 ms
5	41 ms	70 ms

Network:

Performing the measurement of the current network speed. For each transfer size (1, 10, 100 kByte, 1MByte) five individual transfers have been performed from the CDX-server to your Browser. Displayed values are averages. Dependent factors: Quality of your connection to your Internet-provider, quality of the provider's connection to public Internet, bandwidth between you and your provider and bandwidth between your provider and the Internet. The comparison values show a typical broadband connection with 3 Mbit/sec. Bandwidth (higher is better):

Test #	Size	HTTP Version	Your Values	Comparison Values
1	1 kByte	1.0	28 kByte/sec	5 kByte/sec
2	1 kByte	1.1	31 kByte/sec	5 kByte/sec
3	10 kByte	1.0	305 kByte/sec	80 kByte/sec
4	10 kByte	1.1	308 kByte/sec	80 kByte/sec
5	100 kByte	1.1	2798 kByte/sec	180 kByte/sec
6	1 MByte	1.1	12673 kByte/sec	250 kByte/sec

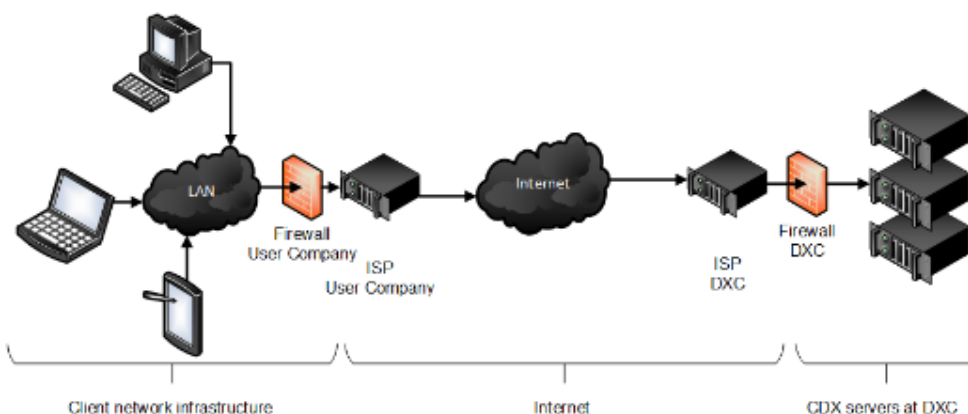
The term 'latency' in this context describes the time it takes for HTTP requests to travel from your browser to the CDX server, being processed, and the answer being send back to your browser. The measurement is done using the 1kByte file transfers shown above. Latency is measured in milliseconds. Reference values show a fair international latency. Latency (lower is better):

Test #	HTTP Version	Your Values	Comparison Values
1	1.0	34 ms	200 ms
2	1.0	34 ms	200 ms
3	1.0	45 ms	200 ms
4	1.0	33 ms	200 ms
5	1.0	32 ms	200 ms
6	1.1	32 ms	200 ms
7	1.1	32 ms	200 ms
8	1.1	33 ms	200 ms
9	1.1	32 ms	200 ms
10	1.1	32 ms	200 ms

V. Understanding the Performance-Relevant Factors:

Performance is a very complex problem which has to be looked at in every special case.

When a user is working with CDX three major network components are involved in the data transfer. The first part consists of the local network, the internet proxy and the network line to the Internet Server Provider (ISP) of the user's company. The second part is the public Internet itself and the third part is the connection to DXC's ISP and through an DXC firewall until it reaches the CDX servers. This is summed up in the following picture:



The DXC network components are monitored 24h a day.

The first and second component 'Client network infrastructure' and 'Internet' are out of DXC's influence.

From our experience it can be concluded that most of the problems exist within the client's network infrastructure. In many cases the bandwidth of the internet connection to the ISP was too slow. In other companies the proxy, firewall or router devices routing the traffic from/to the internet were too busy or due to organizational needs not really topographically optimized.

As a first step we would recommend to first contact your local network administrators and ISP to check the local infrastructure using this report.

Working with CDX a lot of data is exchanged between the client's browser and the CDX servers. Each data package contains individual data; therefore, we must prevent the data from being cached in the client's infrastructure. This is the reason why CDX behaves 'heavier' than other (static) websites - their data might never leave the customers infrastructure because it is cached on the proxy.

With this background DXC recommends a minimum average bandwidth of 64 Kbits/sec for each CDX user.

It might be interesting to run this report at different work-hours. In some cases DXC observed that company networks were blocked at certain times due to data exchange activities.

We hope that this report helps to solve your problems together with your IT-support.

Whenever we obtain more information on performance issues of general interest, we will update the information in this report.

V. Detailed Measurements:

Test #	Filename	HTTP Version	Time	Bandwidth
1	load1k.txt?param=9499435	1.0	34 ms	30 kbyte/s
2	load1k.txt?param=4344893	1.0	34 ms	30 kbyte/s
3	load1k.txt?param=9679611	1.0	45 ms	23 kbyte/s
4	load1k.txt?param=3842516	1.0	33 ms	31 kbyte/s
5	load1k.txt?param=80208	1.0	32 ms	32 kbyte/s
6	load1k.txt?param=4277095	1.1	32 ms	32 kbyte/s
7	load1k.txt?param=5984171	1.1	32 ms	32 kbyte/s
8	load1k.txt?param=1512023	1.1	33 ms	31 kbyte/s
9	load1k.txt?param=2350222	1.1	32 ms	32 kbyte/s
10	load1k.txt?param=146555	1.1	32 ms	32 kbyte/s

LIST OF CHECK RULES WITHIN CDX

As described for MDSs and RMDs, you can check your structure at any time by using the  button in the toolbar or the Check function in the MDS/CMD/EMD menu, but it is also mandatory prior to a send or propose. Besides a plausability check on various items in your tree structure, e.g. entered weights, quantity, tolerance, recycle information, classification, valid status of ingredients, wrong structure, and missing data in supplier or recipient data screens, the system executes several checks per regulation per substance attached to an MDS, depending on the scope of the regulation.

Regulation Checks for MDSs (note: the capitalized words are placeholders for actual values):

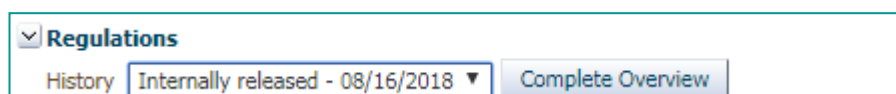
- Checking on substance due date, if the substance due date after ">" the date of check in case of P/E flagged substances, info message will be displayed to user: "A due date for SUBSTANCE is given under REGULATION. Please observe"
- Checking on substance due date, if the substance due date before "<" the date of check in case of P/E flagged substances, info message will be displayed to user: "SUBSTANCE is not allowed beyond DATE under REGULATION"

- Checking on the threshold, calculate the actual share of the substance in terms of regulation scope if it is homogenous Material/Semi-Component or Component. Then compare it against substance threshold defined in the regulation. If the threshold is reached or exceeds, info message will be displayed to user: "The calculated amount for SUBSTANCE under REGULATION exceeds the threshold of LIMIT VALUE"
- Checking on missing exemption, if exemptions are required but not set for P/E flagged substances, info message will be displayed to user: "Please check for REGULATION, an exemption is required for SUBSTANCE as it is marked as exempted."
- Checking on missing use descriptor, if use descriptor is possible but not set for P/E flagged substances, info message will be displayed to user: "Under REGULATION a use descriptor may be required for SUBSTANCE."

Historical Rule Check

The above mentioned rules can be executed for a given internally released MDS (all MDSs released after CDX Release 6.0 rollout, Oct. 2018) against those regulations that were in scope at time of internal release.

The user needs to switch the regulation views from "Current" to "Internally released", then press the  button:



GLOSSARY

This section lists common terms in use in the CDX system.

100% Declaration

Each MDS can be defined as a "100% declaration", which means, every contained part of the MDS has to be defined by Basic Substances. For a 100% declaration it is not allowed to have nodes and references on the same level that sum up to less than 100% or sum to a total weight less than the one of the containing node/MDS.

Basic Substance

Basic Substances are chemical elements or chemical combinations as they naturally occur or are produced. This includes all necessary agents in order to maintain its stability. This excludes solvents that can be separated from the material without reducing its stability or changing its make-up. If an MDS is defined as "100%-declared", every path from the top of the tree structure must terminate in a Basic Substance in order for the MDS to be released.

CMD (Conflict Minerals Declaration)

A CMD is the information passed along the supply chain indicating where the conflict minerals in the group come from. Currently conflict minerals are defined to include: Tantalum (Ta), Tin (Sn), Tungsten (W), and Gold (Au).

CMD Request

This function enables a CMD recipient to initiate a "Pull"-process with his suppliers. The CMD recipient specifies the expected characteristics, such as template version, declaration scope or a deadline date of the CMD in a CMD Request. The CMD supplier attaches a CMD matching the requested specifications.

Component

A Component may be thought of as an assembly or a piece part and has a defined weight. One Component can consist of several different Components, Semicomponents, Materials and Basic Substances.

EMD (Extended Materials Declaration)

An EMD is the information passed along the supply chain indicating where the extended materials in the group come from. Currently extended materials are defined to include: Mica, Cobalt, Copper, Natural graphite, Lithium, Nickel.

EMD Request

This function enables an EMD recipient to initiate a "Pull"-process with his suppliers. The EMD recipient specifies the expected characteristics, such as template version, declaration scope or a deadline date of the EMD in a

EMD Request. The EMD supplier attaches an EMD matching the requested specifications.

Hong Kong Convention

(HKC, Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ship)

The HKC is an international convention regulating the recycling of Ships. The HKC is meant to replace the Basel Convention, in regards to ships. Currently, Ships being dismantled are considered waste in the terms of the Basel convention. This leads to impracticable requirements related to the recycling of ships.

Therefore, IMO held the Hong Kong Conference leading to the convention. It is thought to come into force in 2015. Part of the HKC is the requirement to document certain Basic Substances of concern throughout the supply chain in order to achieve a certification that would allow the ships to operate and become subject of dismantling. CDX basically is a tool to allow the industry to comply with the requirements resulting from the HKC.

(see also -> **MD, SDoC**)

IPC1754 (Class E, F, G)

IPC 1754 standard data can be expressed in three different classes: E, F, G.

E stands for a so called "product statement". This class does not report on single substances / substance groups in products, but gives a general statement about a product. The general statements are formalized by so called query lists. One example is the AD-DSL (**A**erospace and **D**efence **D**eclarable **S**ubstance **L**ist) provisioned by IAEG®, covering questions such as "Does your product contain radioactive materials?" or "Do you use substances referred in AD-DSL in your product?" Answers are predefined and can be "Yes", "No", or "Unknown".

F is a so called Partial Material Declaration (PMD), requiring the supplier to only report on declarable substances as defined by a list such as the AD-DSL.

G is the Full Material Disclosure (FMD), requiring the supplier to report to the full weight of substances, although substances not covered by reference lists such as the AD-DSL may be aggregated into placeholders.

CDX supports all three classes, although importing Class E will result in an empty MDS with only supplier and requestor information.

Material

Not all users are required to enter Materials as they are best entered by users in companies that manufacture the Material who would know its contents. For Materials manufactured to a public norm or standard, standard MDSs are available. Not all Materials are manufactured to a public norm or standard, and not all public norms or standards describe a Material's Basic Substances to 100%.

MD (Material Declaration)

A Material Declaration is a special report of an MDS that is specific to the requirements of the *Hong Kong Convention*. CDX MDs are a direct adaptation of the format of the MD as proposed by the Germanischer Lloyd, resulting from the findings of the ERVESIS project. MDs therefore are a special report for the Ship Building Industry. (see -> **SDoC**)

MDS (Material Datasheet)

An MDS is a logical data unit and constitutes a complete information package for a product. An MDS consists of a top node and assigned information about its supplier and recipients. The top node may also contain different nodes or references to other MDSs and/or Basic Substances. MDSs are subject to revision control. If there is a data change, a new MDS version needs to be generated. If a version has been sent and accepted or released, it is no longer possible to make changes to the MDS.

MDS Request

This function enables an MDS recipient to initiate a "Pull"-process with his suppliers. The MDS recipient specifies the expected characteristics, such as name, part number or a deadline date of the MDS in an MDS Request. The MDS supplier attaches an existing MDS or simply lets CDX create an MDS matching the requested specifications.

Multi-Factor Authentication

Multi-Factor Authentication is a security feature implemented on the Compliance Data eXchange (CDX) platform to provide an additional layer of protection for user accounts. It requires users to provide multiple factors of authentication during login, ensuring a higher level of security and reducing the risk of unauthorized access to sensitive compliance data.

Node

A node is an element created within the tree structure of an MDS. It can only be used inside the containing MDS, but is handled as if it was a referenced MDS. Different from referenced MDSs, it is possible to modify the contents of a node.

Passwords

A computer connected to the Internet is easily located. And therefore, it is of great importance to protect your systems. CDX password policy system requirements include:

- Password length - a minimum of 14 characters
- Password complexity - a minimum of 1 uppercase character, 1 lowercase character, 1 numeric, and 1 special character

Passwords are case sensitive and are limited to ISO 8859-1 characters.

- Password expiration - 90 days

System generated temporary passwords are generated by the “new password” link. Passwords are sent only to the email connected to the CDX ID so it is imperative that the user ensure that their contact information is always correct.

REACH SVHC (Substances of Very High Concern)

In CDX, all Basic Substances that are part of the SVHC candidate list are part of the “SVHC” Substance List. Using this list, the user can search the ingredients of an MDS for contained REACH-SVHC, is able to search for REACH SVHC or to analyze MDS for contained REACH SVHC in the Where-Used Analysis window.

Reference

A reference is a link to an MDS that has been created elsewhere, published or received and accepted and then attached to the tree structure (either beneath the top node or beneath a sub node of the tree).

RMD (Responsible Materials Declaration)

Responsible Materials Declaration supports Responsible Minerals Initiative (RMI) and assists in the data collection process for Conflict Minerals and Extended Materials declarations.

SCIP Database (Substances of Concern in Products Database)

The amended European Commission (EC) Directive on waste (The Waste Framework Directive) requires all EU product producers and importers to enter product registration information for all articles and complex products that contain REACH Candidate List substances above 0.1% w/w into a centralized substance database – the so called SCIP database. The SCIP database will collect and maintain this Product and Substance of Concern information and provide waste treatment operators and consumers access to the information upon request. This information is intended to reduce further hazardous chemical contamination and to promote the circular economy. SCIP is essentially part of the REACH § 33 enforcement scheme and companies producing for or importing into the EEA are required to submit so called SCIP Dossiers to this database, starting Jan 5, 2021. CDX is supporting SCIP Dossier submissions.

SDoC (Suppliers Declaration of Conformity)

This is a special report for the Ship Building Industry, based on the requirements of the Hong Kong Convention. Basically, an SDoC is a legal statement of a supplier, stating that either one, a number of, or all of his products comply to the requirements of the Hong Kong Convention. The SDoC refers to products; these should be accompanied by MD in order to document the compliancy state of the product.

Semicomponent

A Semicomponent is used by a unit of measure such as length, area or volume (where Components are used in unit quantities). Examples of this would be wire that is used by the meter or paint that is used by the gram.

Severity

Within the CMD Quality Reporting function this is the system level severity of a violation. Severity levels from 1 (low) to 9 (high) are valid. This can be changed for company rules by the Company Administrator.

SUI (Safe Use Instructions)

Safe Use Instructions are documents that elaborate on the safe usage of a product containing hazardous substances. In CDX SUI can be attached as a document in the MDS Details (section "Attachment"). MDSs that have attached SUI can be identified in search results by an icon (📎) shown after the MDS name. Company specific Regulations can be configured to require SUI.

Tree Structure

The tree structure is the main part of each MDS. This is a structural view of the Components, Semicomponents, Materials and Basic Substances contained in the product and is comprised of individual nodes and references.

Violation Class

Within the CMD Quality Reporting function, this is the system level class of a violation. The following classes are valid entries: Fatal, Error, Warning, and Information. Others than "Fatal" can be changed for company rules by the Company Administrator.

USEFUL INFORMATION

CDX Website and Additional Services and Tools

www.cdssystem.com

Contact:

CDX Service Desk

email: CDX-ServiceDesk@dxs.com

or in the CDX system > Help > Send email to Helpdesk

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