

Grundfos CDX Guide - Reply to MDS request

Version 9.1

This guide will explain you how to reply to an MDS request on CDX. By doing this, you are stating your compliance status to the chemical legislation found on Grundfos' *Focus List*. Details of the Grundfos Focus List can be found in our [Focus List Excel sheet](#), which contains all the chemical legislation and the full list of substances they regulate.

If you have any question regarding CDX or the Focus List, please don't hesitate to send an email to us at the following e-mail: focus-list@grundfos.com.

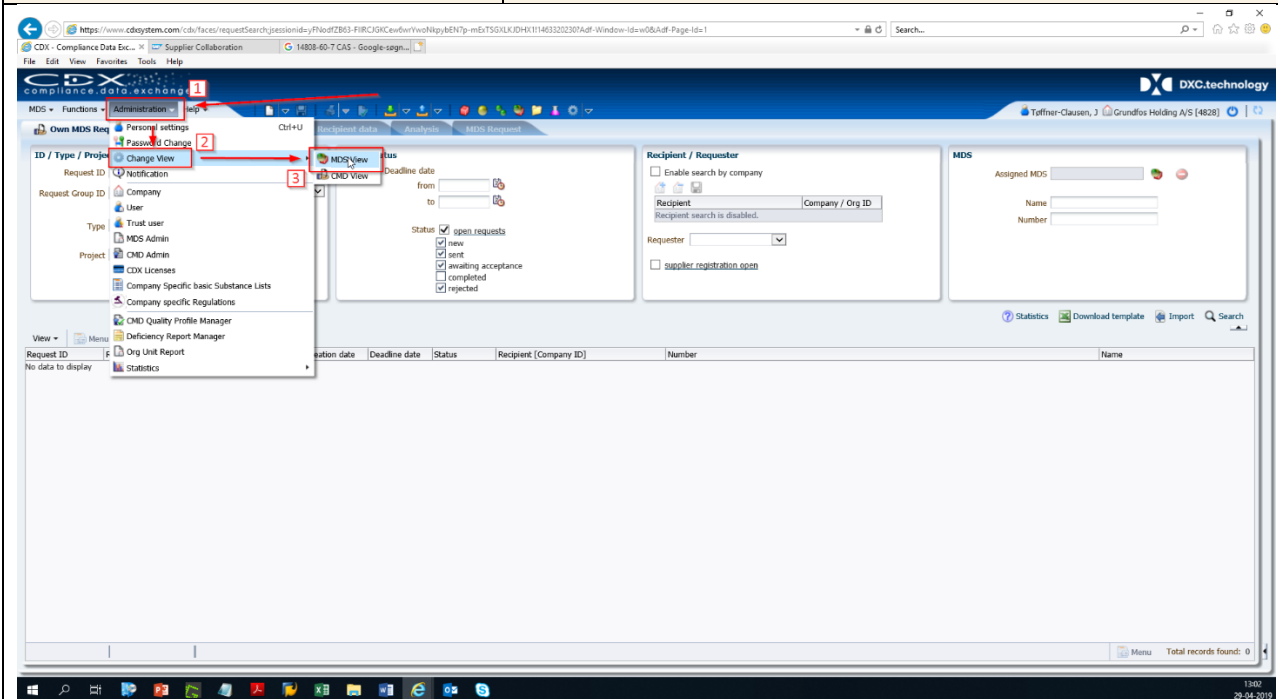
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1. MDS view

Please log into the CDX system, which can be found by clicking [this link](#). Please ensure that you are in 'MDS-View' by selecting it from the toolbar at the top:

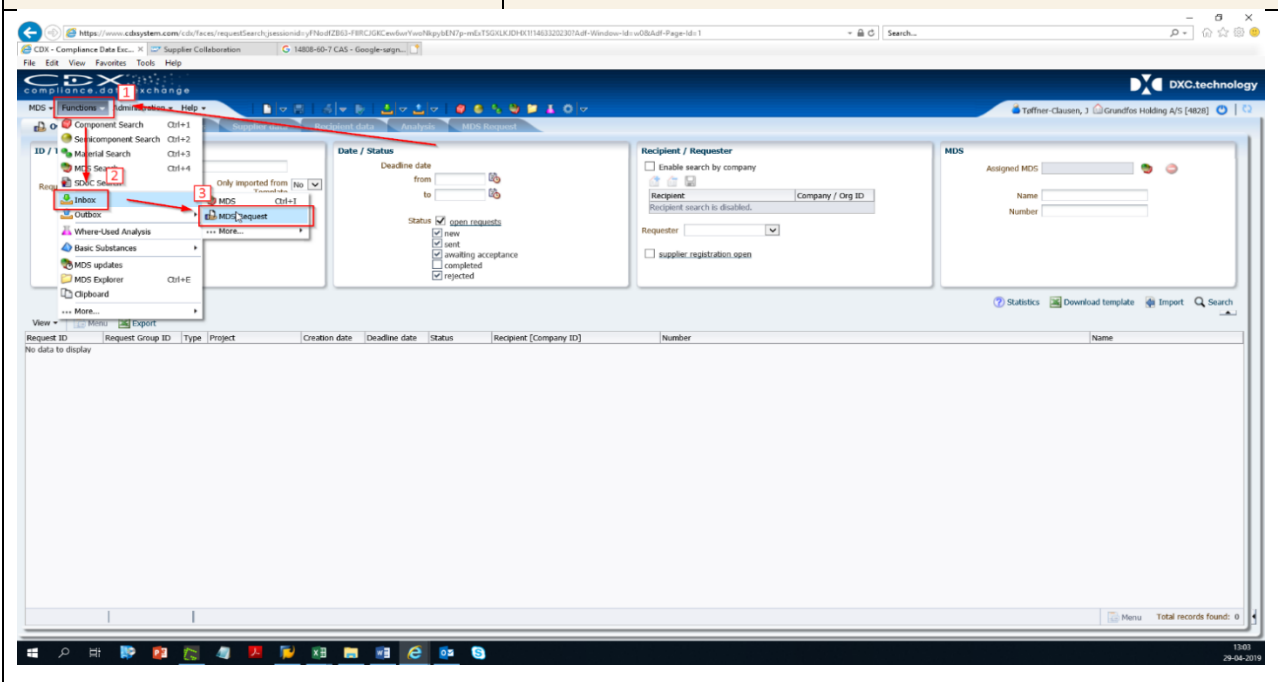
Administration > Change View > MDS View



2. MDS inbox

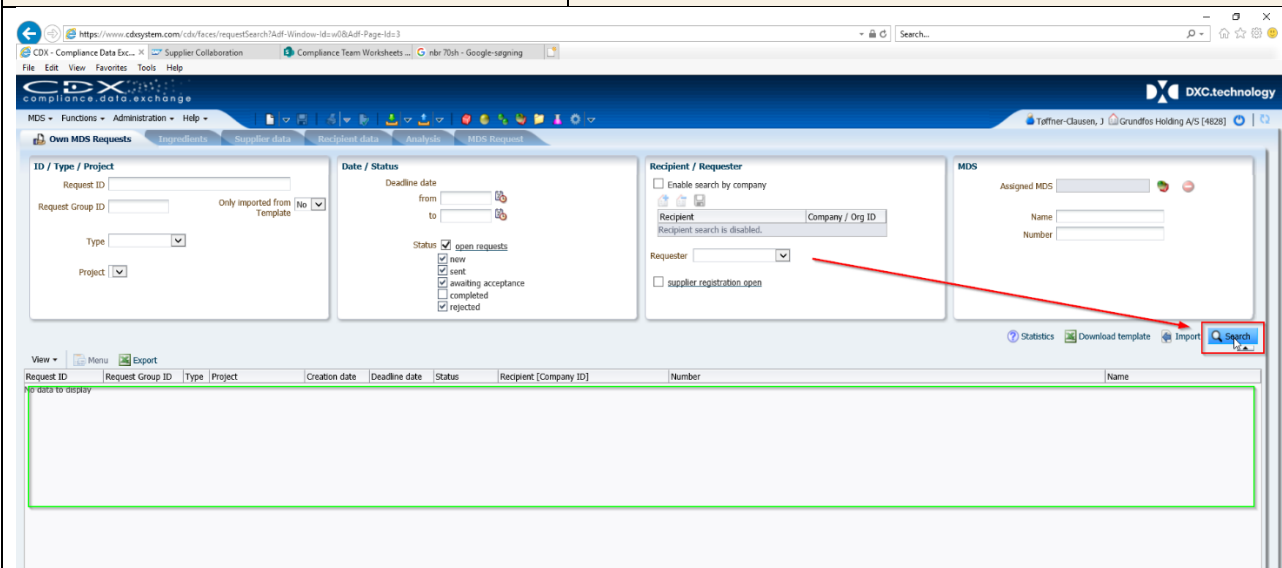
Please go to your 'MDS Request' inbox:

Functions > Inbox > MDS Request



3. Find MDS from Grundfos

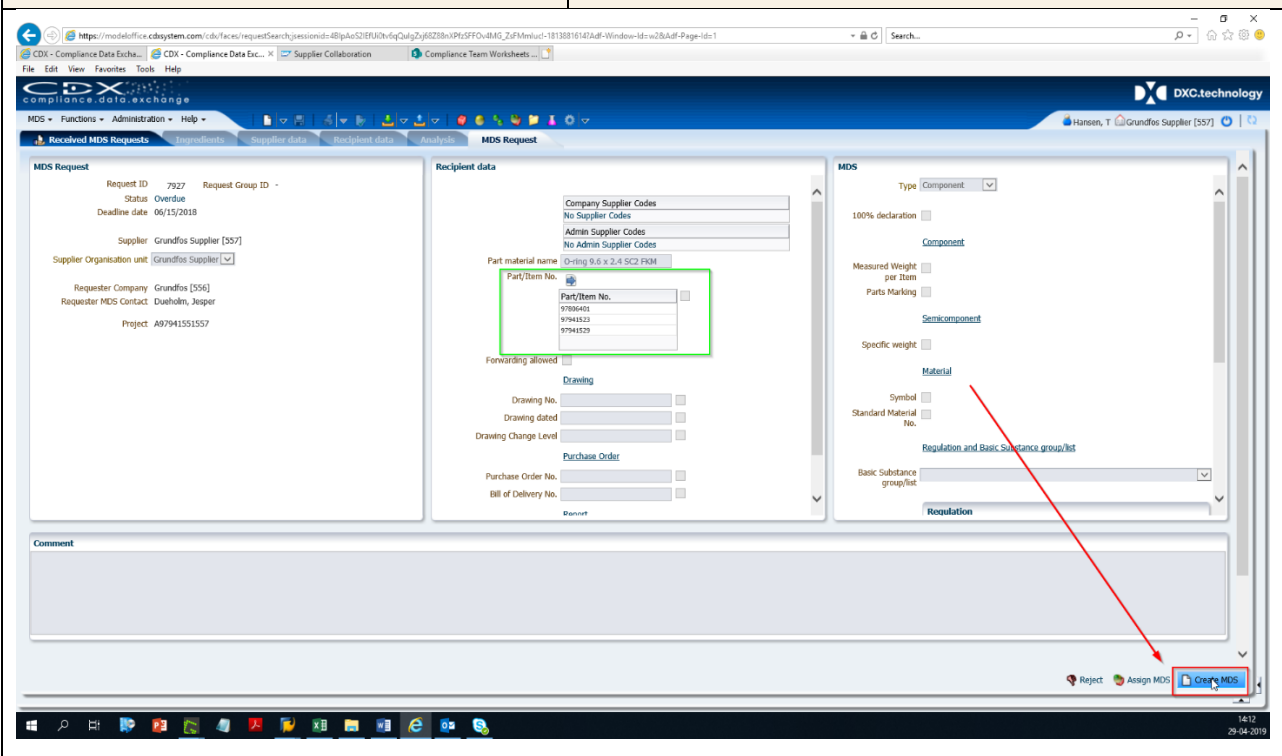
Click **'Search'** on the far-right and all open MDS requests will be displayed in the green field below.



4. Open MDS

Select the MDS you wish to respond to by double-clicking on it.

You will be transferred to the MDS' information menu. Here you can see the part numbers the chosen MDS concerns by looking to the list found in the green marked area below. To respond to the MDS, click **'Create MDS'** in the lower right corner as shown below.



5. Confirm regulations

You will find 11 regulations on 'Ingredients' tab under *Regulations*:

Regulations > Confirmation.

Please respond to all the 11 regulations.

We need a response to all regulations found on the *Focus List*, since we sell our products in the regions the regulations apply.

Follow the guidelines below when responding to the regulation questionnaires.

- If you do comply with the regulation, then please mark 'Yes'.
- If you do not comply, then please contact your Grundfos compliance contact or focus-list@grundfos.com explaining why, after which we will help you figure out how to proceed.
- If a regulation is not relevant to your products, then mark it 'Product Not Affected'. An example of this would be the *Batteries* regulations for a screw or a cable.
- Mark 'No Obligation to Declare' on every regulation in the 'Relevant Data Provided' column.

The screenshot shows the DXC TECHNOLOGY compliance.data.exchange interface. The 'Ingredients' tab is selected. The 'Regulations' section is expanded, showing a table with 11 regulations. The table has three columns: 'Regulation', 'Regulation complied?', and 'Relevant data provided?'. The 'Regulation complied?' column contains 'Product Not Affected' for Batteries and Packaging, and 'Yes' for all other regulations. The 'Relevant data provided?' column contains 'No obligation to declare' for all regulations.

Regulation	Regulation complied?	Relevant data provided?
Batteries	Product Not Affected	No obligation to declare
IMD+EU SRR	Yes	No obligation to declare
PFAS Declarable Substance List	Yes	No obligation to declare
Packaging	Product Not Affected	No obligation to declare
REACH Annex XIV	Yes	No obligation to declare
REACH Annex XVII	Yes	No obligation to declare
REACH Candidate List	Yes	No obligation to declare
RoHS	Yes	No obligation to declare
TSCA Section 6	Yes	No obligation to declare
EU POP Regulation	Yes	No obligation to declare
California Proposition 65	Yes	No obligation to declare

6. Confirm Company specific regulation

You will find the remaining 1 regulation under '**Company Specific**' on the '**Recipient Data**' tab.

Please respond to this regulation.

The screenshot shows the DXC Technology Compliance Data Exchange (CDE) interface. The 'Recipient data' tab is selected, displaying a list of requests. A request from Grundfos Holding A/S [4828] is highlighted, with a status of 'accepted (09/20/2021)'. The details panel on the right shows the following information:

Transfer Information

- Company: Grundfos Holding A/S [4828]
- Organisation unit: -
- Recipient status: Accepted
- Name: Mechanical seal 82351 DB
- Additional Names: -
- Supplier Codes:
 - Company Supplier Codes: 00046143
 - Admin Supplier Codes: -
 - No Admin Supplier Codes: -
- Part/Item No.: 82351
- Part/Item No.: 82351
- Additional Identifiers: -
- Forwarding allowed: ☐
- MDS Revision: -
- Brand: -
- Type: -
- Model: -

Target Market

Drawing

Purchase Order

Report

Company specific		
Confirmation		
Regulation	Regulation complied?	Relevant data provided?
China RoHS	Yes	No obligation to declare

MDS Request [Show Request Details](#)

7. Declare substances

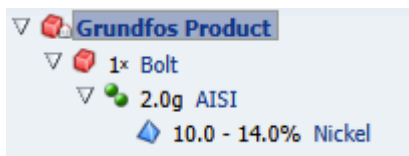
We are now ready to declare substances. Follow the guidelines below when deciding on whether to declare substances or not.

7.1 Type of declarations

*If your products contain no Focus List substances above the allowed limits, you can skip this step and go directly to step 8 (Level1 Declaration). **But please be aware that we prefer Full Material Declarations – see details below.***

If a substance named on the Focus List is found in a concentration higher than the mentioned limits, then it must be declared, but If you know the material composition of your products, we recommend that you input this in CDX anyway (Full Material Declaration).

It is possible to only declare Focus List substances (Partial Declaration), i.e. leaving out non-declarable substances – the “incomplete” part will automatically be labelled compliant in our system. See the following example for a stainless-steel bolt:



In this case the nickel is the only *Focus List* substance present in stainless steel. The remaining substances do not need to be declared and will automatically be set as non-declarable.

Based on how much information you provide us we distinguish the following type of MDS replies. **Please take into consideration that as our long-term goal is collecting all material-related information from all of our suppliers we are preferring the Full Material Declarations.**

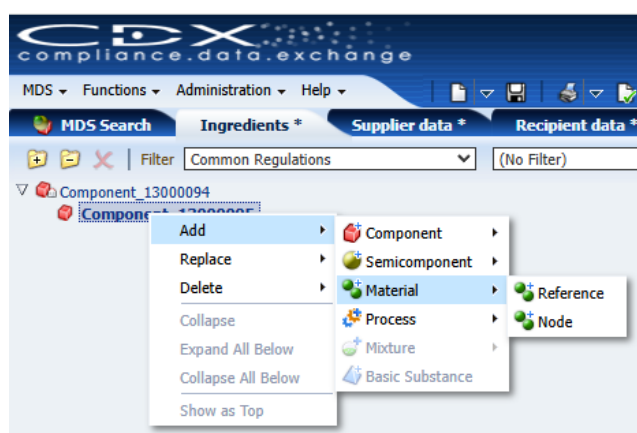
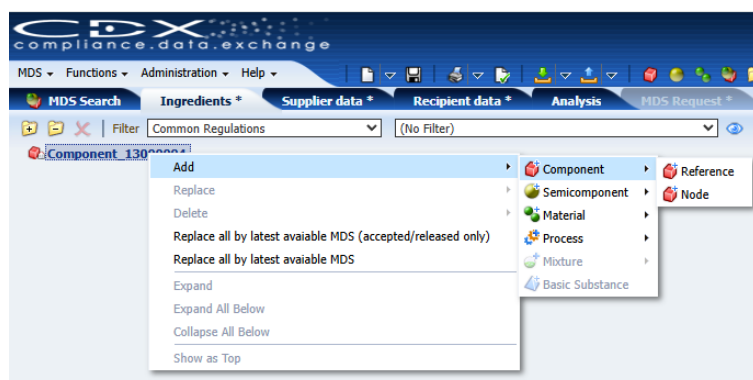
- **Level1 Declaration:** You do not have any Focus List substance in your product and you do not build up a material declaration tree. You declare your compliance with the different regulations by confirming them as per Step 5. and/or by uploading compliance statements as an attachment.
- **Partial Declaration:** You have Focus List substance(s) in your product and you build up a material declaration tree with only those substance(s).
- **Full Material Declaration (preferred way of declaration):** You build up the whole material declaration tree of your product, regardless if it contains Focus List substances.

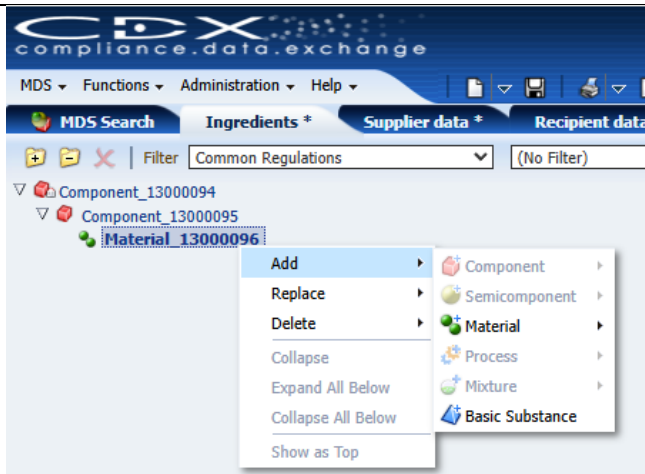
7.2 How to build up the composition in a MDS tree

The 'MDS Tree' is built using 'Component blocks', 'Semi-Component blocks', 'Material blocks' and 'Basic Substance blocks':

Block	Name	Level	Description
	Component	1	An assembled/completed component, a seat or engine block for example.
	Semi-Component	2	A sole component, a coated wire or steel blank for example.
	Material	3	A homogeneous structure, brass or polymer for example.
	Basic Substance	4	A chemical compound or mixture with a CAS-number, water or carbon dioxide for example.

You build the tree by right-clicking on the 'Component' in the top-left corner of the screen and selecting the blocks you wish to add by using the 'Add' feature:

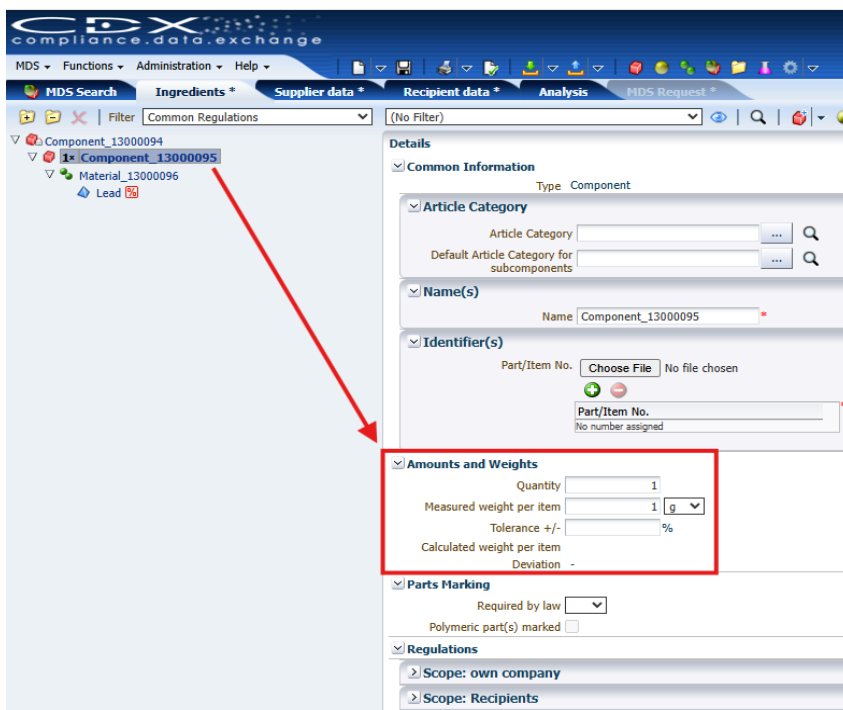




When adding a level to your *MDS Tree* you can choose between *Node* and *Reference*.

- A *Node* will only add the block you've selected.
- A *Reference* will add a saved/assembled block. CDX has several standard *Material* blocks which you can use. This can be helpful with metals for example, as most EN and AISI metal standards are saved here. CDX has no standard *Component* or *Semi-Component* blocks.

To every block you add you will need to add a weight or concentration, which can be done by left-clicking on a block and navigating to the 'Amounts and Weights' menu on the right side.



CDX compliance.data.exchange

MDS Search Ingredients Supplier data Recipient data Analysis MDS Request

Filter: Common Regulations (No Filter)

Component_13000094

- Component_13000095
- 1.0g Material_13000096
 - Lead

Details

Common Information

Type: Material

Is Article: ☐

Name(s)

Name: Material_13000096

Identifier(s)

Internal Material No.: Choose File No file chosen

Internal Material No.: No number assigned

Amounts and Weights

Weight: 1 g

Classifications

Classification: List Classification

Material Information

Standard Material No.:

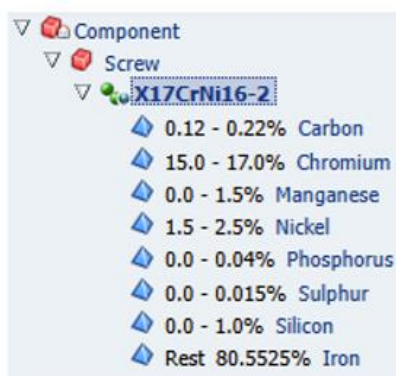
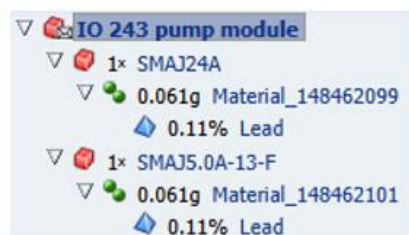
Symbol:

Norms / Standards

Norms / Standards: Company Norm Norm Code

Recycle

See some completed examples of MDS trees below:



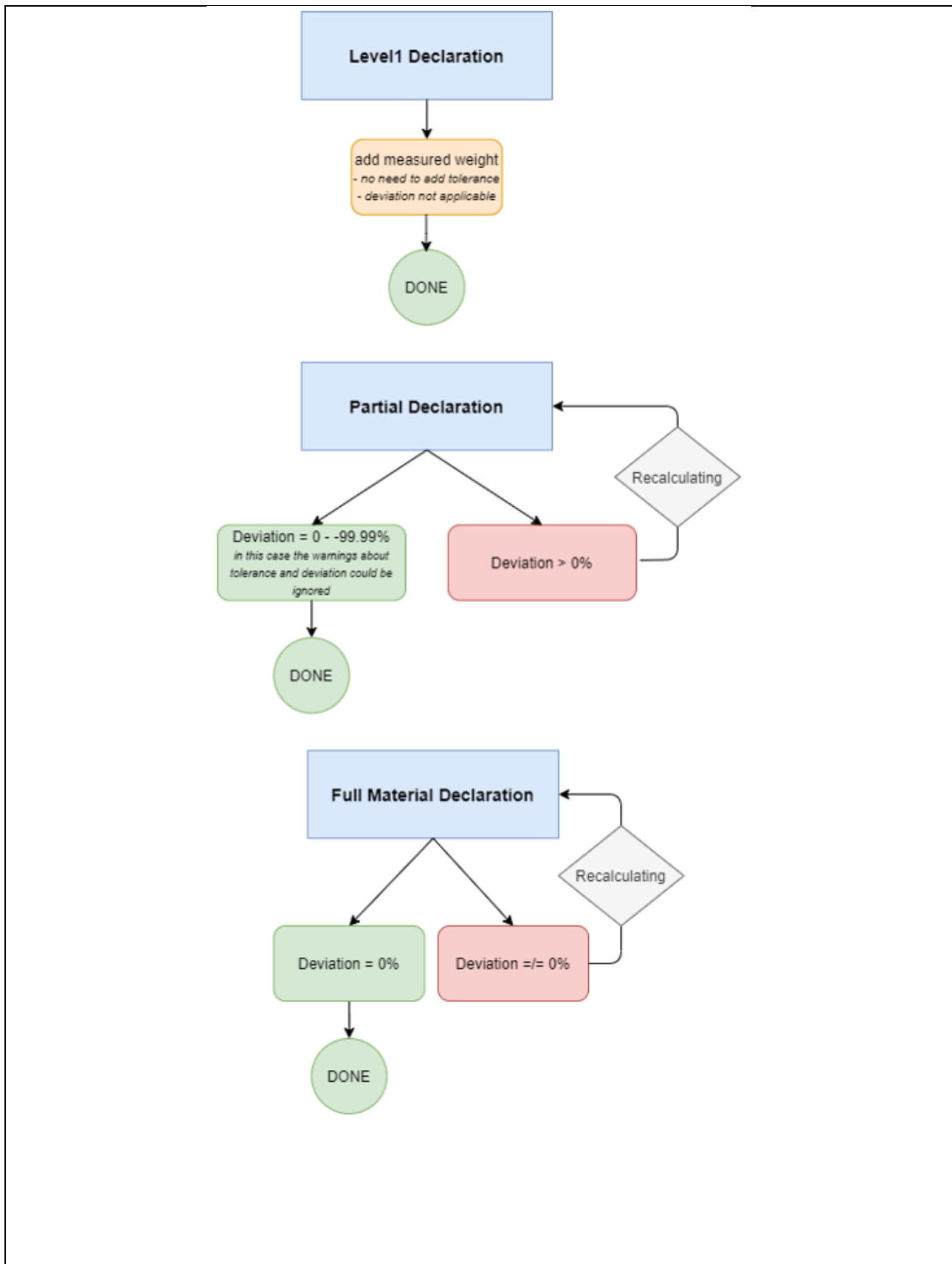
7.3 Weight, tolerance and deviation

Tolerance always MUST be 0% - this is the default value settled by Grundfos.

Depending on what kind of declaration you made deviation could be acceptable as the following:

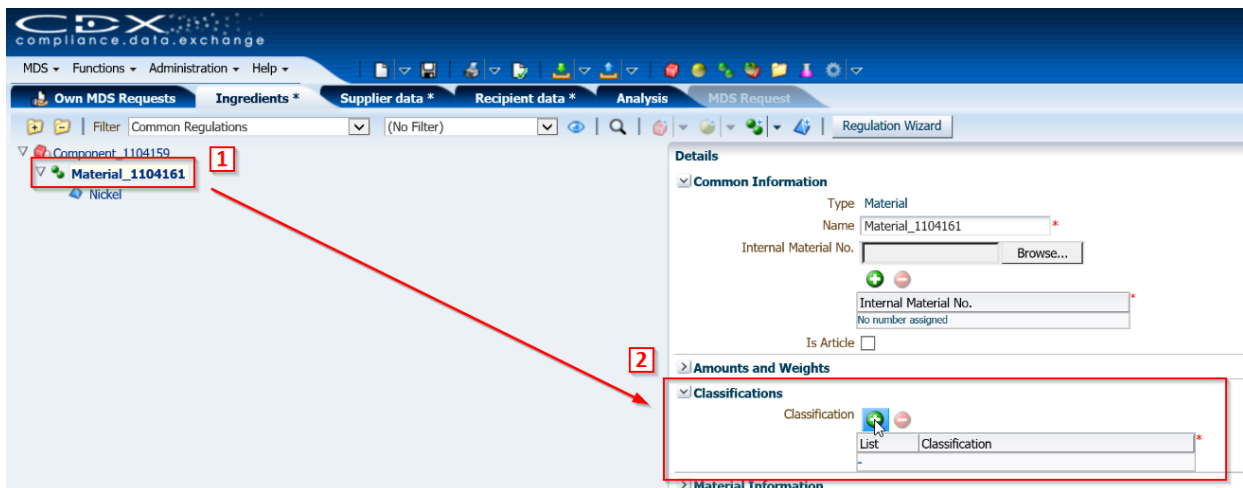
- 1) Level1 Declaration:
 - measured weight: must be defined
 - tolerance: no need for adding
 - calculated weight: not applicable
 - deviation: no applicable
- 2) Partial Declaration:
 - measured weight: must be added; has to be higher than calculated weight
 - tolerance: 0%
 - calculated weight: has to be less than measured weight
 - deviation: 0 - -99.99%
- 3) Full Material Declaration:
 - measured weight: must be added; has to be equal to calculated weight
 - tolerance: 0%
 - calculated weight: has to be equal to measured weight
 - deviation: 0%

Drew scheme about how weight has to be added depending the type of the declaration:

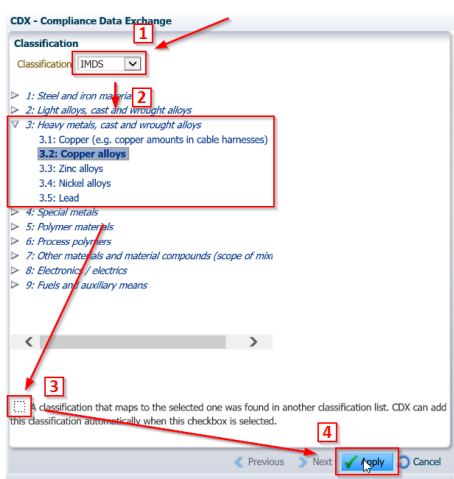


7.4 Material classification

Every *Material* you add must be classified by adding a *Classification*, which can be done by left-clicking on a material and navigating to the 'Classification' menu on the right side of the screen.

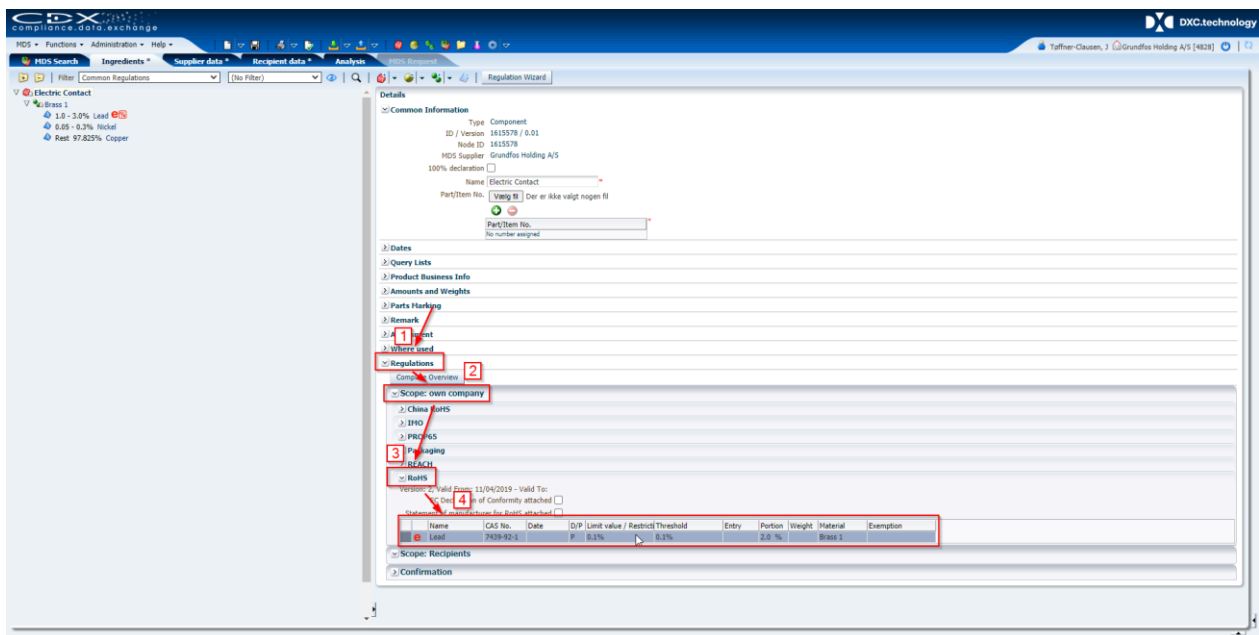


Add a *Classification* by clicking the green plus and choosing an appropriate *Classification* for the chosen *Material*. Make sure to pick the 'IMDS classification' on the top of the menu and that the box at the bottom of the menu is unchecked as shown below:

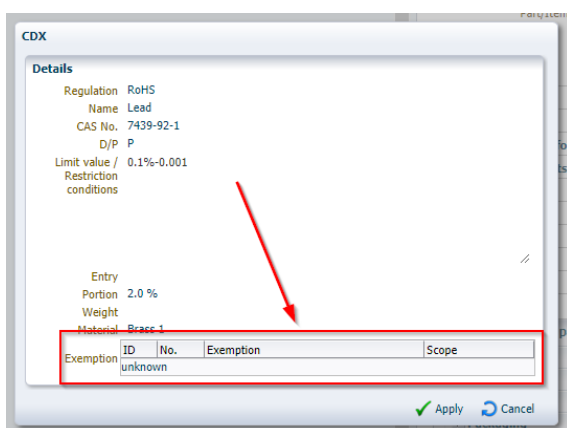


7.5 How to add RoHS exemptions

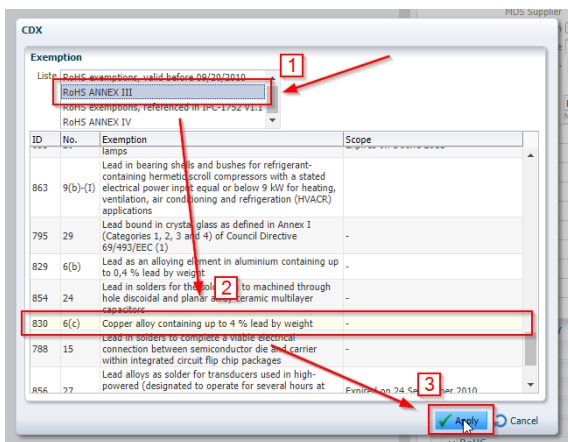
When creating materials exempted under RoHS, you will need to add an exemption to the material, which contains the RoHS-substance in question. To do this you need to find the RoHS-substance within the *RoHS* menu under *Regulations > Scope: own company*:



Double-click on the substance you wish to add an exemption to and the following menu will open:



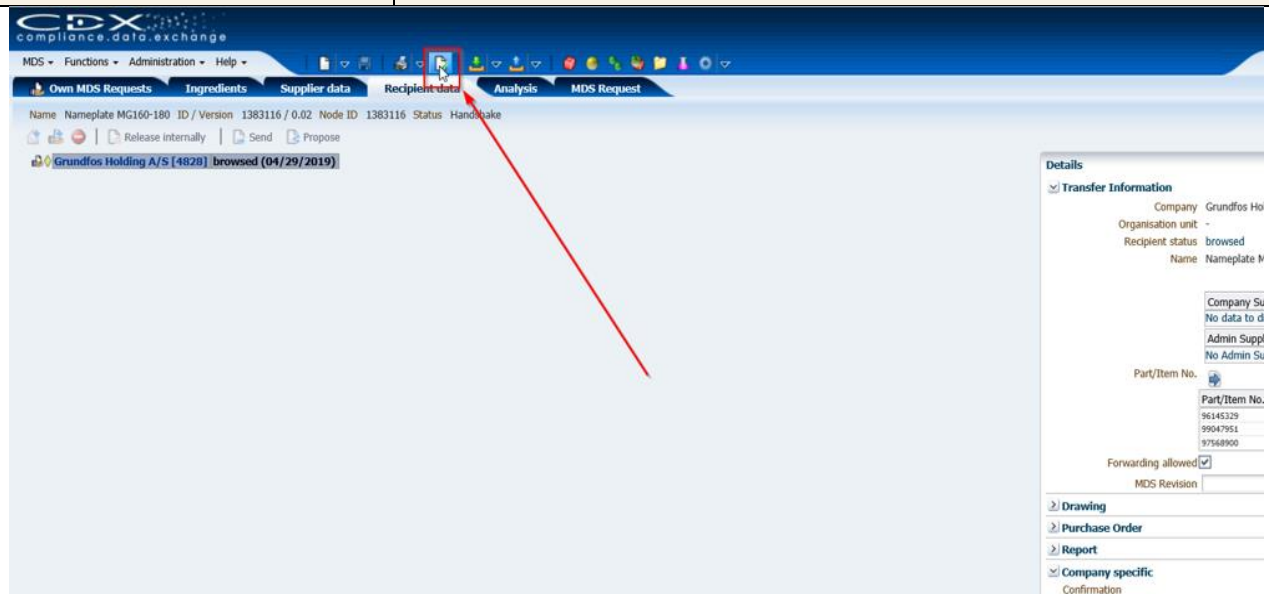
Double-click on the empty field to receive the exemption list:



Chose the appropriate exemption from the *RoHS Annex III* list. Press *Apply* once to confirm and then again in the previous menu to apply it.

8. System check

When you are finished creating your *MDS Tree*, please perform a system check on your MDS response by clicking on '**Execute Check**' on the top of the screen.



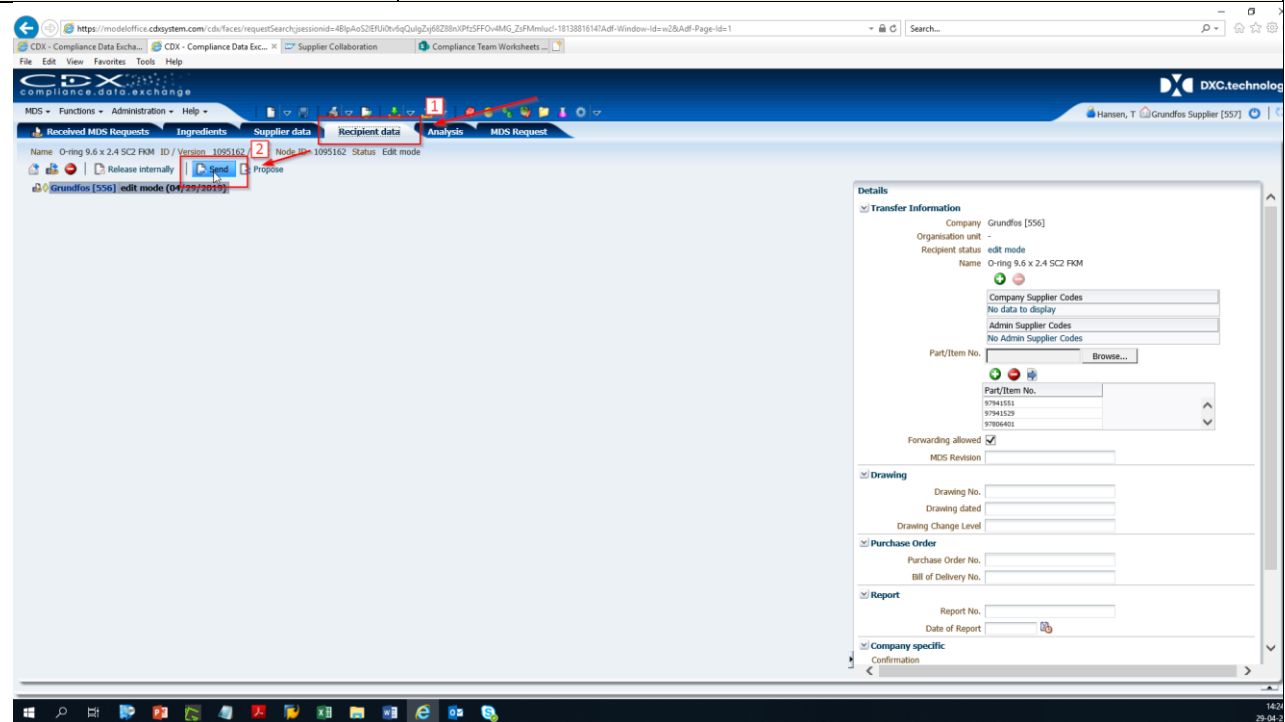
At the bottom of the screen you will be notified with the results of the system check. You can receive the following results:

- *Information* notifications ⓘ: these can be ignored.
- *Error* notifications ⚠: these must be fixed.

Double-click on the notification at the bottom of the screen to see where the issue lies. You can check if an issue is fixed by clicking '*Execute Check*' again and check if the notification disappears.

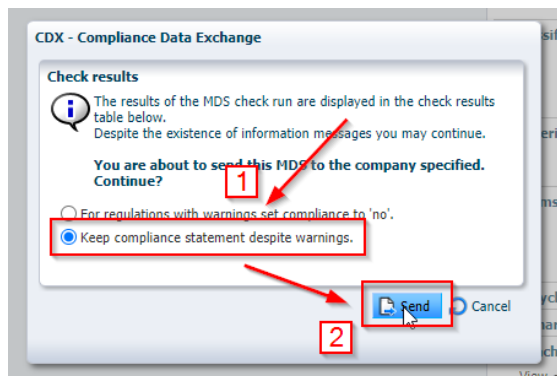
9. Send MDS

When all *Error* notifications are gone you can send your response by clicking '**Send**' on the *Recipient Data* tab.



You will be asked to confirm whether to Send or not – confirm by clicking Send.

In certain situations you will be met with the following warning:



Make sure to check “Keep Compliance Statement Despite Warnings” before sending, otherwise your reply will be edited by the system. Press Send to finish.

The MDS is now sent, and you have finished your reply.

If you have any question regarding CDX or the Focus List, please don't hesitate to send an email to focus-list@grundfos.com.