



# Cummins Supplier Anthesis Quick Start Guide

# Details and documents you will need

1. Parts List (From Cummins Declaration email):
  1. The parts list document contains a list of part number you supply to Cummins. These are the parts you will certify for compliance.
2. Anthesis Template (from Cummins supplier portal webpage):
  1. This is Excel Macro based template that you will use to declare the compliance for your parts.
  2. Please note; you must use one Anthesis template per Part Number. Multiple part numbers listed in one Anthesis file would not be accepted.
  3. Class D - Full Material Declaration: submit the full breakdown of the part or assembly top level and subcomponents and semi-components/materials composition all the way down to the basic substance level with exact percentage ratios.

For questions, please email to [supplier.compliance@cummins.com](mailto:supplier.compliance@cummins.com) along with the parts list file attached for quicker cross-referencing should we need to ask for clarifications.

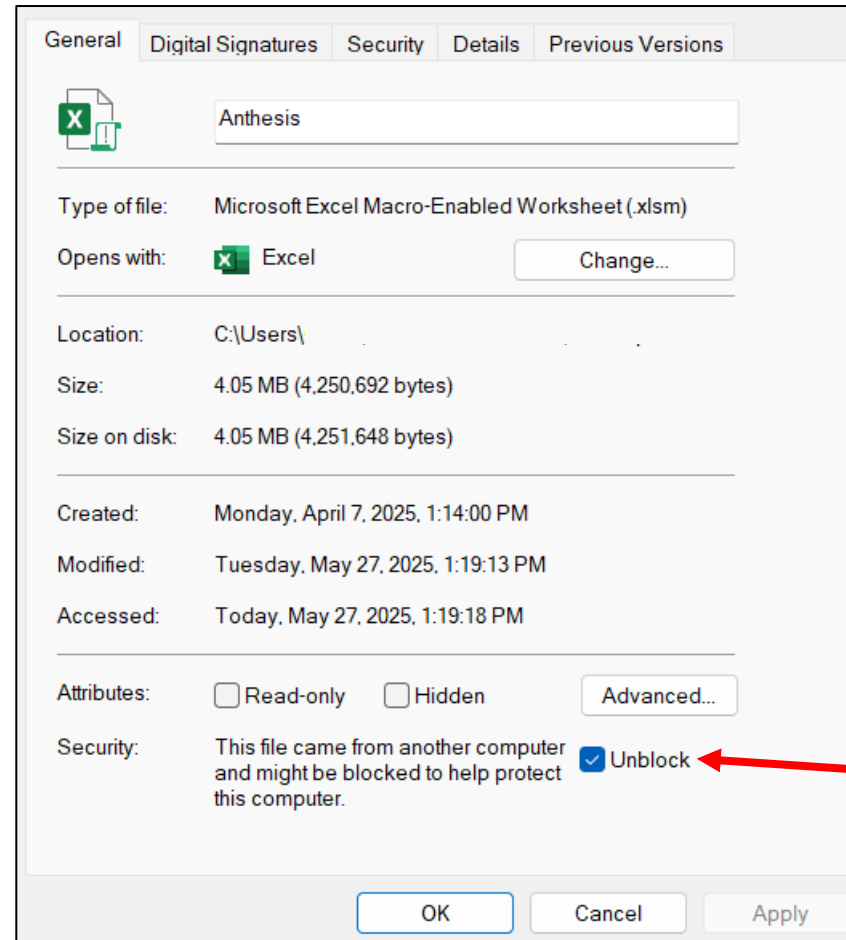
# Disclaimer

- Anthesis is a manual data entry process which is appropriate for straightforward components that do not involve a significant number of sub-products or assemblies. For parts with complex structures or a high volume of sub-assemblies, it is strongly recommended to utilize standardized material declaration platforms such as IMDS (International Material Data System) or CDX (Compliance Data Exchange). These tools enhance data accuracy, streamline compliance reporting, and support efficient information management.
- The details provided in this presentation is for illustrative purposes only and is intended solely as an example. Please ensure that actual and accurate details are used for any parts that are supplied to Cummins.

# Step 1: Unblock macro

Save Anthesis Template file downloaded from the supplier portal.

- On the saved location, right click on the excel icon then go to properties.
- New window with excel file properties would open as shown in this page.



Check the box highlighted below to see if that triggers the macro correctly.

# Cummins Supplier Portal

Cummins Supplier Portal link:

<https://supplier.cummins.com/materials-disclosure-requirements-and-guide>

- Please reach out to Cummins sourcing or SQIE contact if you do not have access to the portal.

Anthesis template download link in Supplier Portal page.

Supplier Portal

About Us ▾ **Supplier Activities** ▾ Business Application ▾ Training ▾ News ▾ 🔍

## Materials Disclosure Requirements and Guide

### RELATED CONTENT

- Training - Read This First - Restricted Substances Overview
- Training: IMDS-CDX Training Cummins Suppliers
- Anthesis Template**
- Anthesis Quick Start Guide
- Cummins Product Compliance Manual
- Cummins Product Compliance FAQ

### Materials Disclosure Requirements

To ensure compliance with international and customer requirements that prohibit or restrict the use of specific substances in products manufactured and/or sold by Cummins Inc. As such, Cummins requires its suppliers to comply with the [CES 10903](#) [standard](#) which requires the disclosure of all substances present in materials and components where the substance is present at or above the defined threshold value (weight percentages) in any homogenous layer or feature of the material

[Cummins Prohibited and Declarable Substance Lists - V3](#)


NOTE: Access to the Cummins Engineering standard CES 10903 and/or to the Declarable Substance List requires a login to the secure side of the Cummins Supplier Portal. If you do not have an account on the Supplier Portal, contact the [Supplier Help Desk](#)

All materials and items shall conform to the restrictions on the content of declarable list substances.

# Step 2: Open anthesis file

Overview of Anthesis template with only Class D option.


- If template shows class C or A then it's old version file which is no longer accepted by Cummins.

**Anthesis COMPLIANCE SUITE** Business information 

Help Clear The minimum Office requirement is MS Office 2007 with Service Pack 2 (SP2) or later CumminsCDC Version 2.5.0

**Template Settings**

Format(\*) IPC 1752A  
Language English

**Yes Class D: Full Substances** 

Import Export Reset View in HTML

**Legal Statement**

Supplier certifies that, to the best of its knowledge and belief, this declaration is true and correct as of the date it is submitted to Company and acknowledges that Company will rely on this certification in determining the compliance of its products. In submitting this declaration, Supplier further certifies that (6 items):

1. In compliance with Cummins Engineering Standard 10903 (\*CES 10903\*), Supplier's products conform to applicable laws, regulations, prohibitions and restrictions on content.
2. Product content data submitted through this declaration constitutes full material disclosure (\*FMD\*) as defined in CES 10903.
3. If Supplier claims its product is exempt from regulatory material restrictions, the declaration discloses the factual basis for such claim on the Substances tab.
4. Supplier agrees to notify Company promptly of the changes to the material content or compliance status of the products. Supplier will comply with any changes in applicable material restrictions and: (a) adjust the material content of the Products; and (b) update this declaration.
5. Supplier's entries of proprietary data on a line item on the Substances tab do not relate to materials that are banned or limited under the law, and neither the associated concentration value for that line item, nor the aggregated values for lines grouped in the homogenous level, exceed 10%.
6. This declaration in no way alters or amends the terms and conditions of supply contracts between Supplier and Company.

Supplier Acceptance(\*)

**Requester Information**

Company Name (\*)  
Request Date(\*)  
Document ID  
Respond By Date  
Contact Name(\*)  
Email(\*)  
Phone(\*)  
Field Lock No


**Supplier Information**

Company Name (\*)  
Response Date(\*)  
Document ID  
Authorized Rep(\*)  
Email(\*)  
Phone(\*)  
Vendor ID(\*)  
DUNS  
Field Lock No

Contact Name(*)	Contact Email(*)	Contact Phone(*)

< > **Business Info** Products Sub Products Homogeneous Materials Substances Data Summary License

# Step 3: Business info tab

**Anthesis COMPLIANCE SUITE** Business information 

Help Clear The minimum Office requirement is MS Office 2007 with Service Pack 2 (SP2) or later CumminsCDC Version 2.5.0

**Template Settings**

Format(\*) IPC 1752A  
Language English

Yes Class D: Full Substances

Import Export Reset View in HTML

**Legal Statement**

Legal Declaration(\*) Supplier certifies that, to the best of its knowledge and belief, this declaration is true and correct as of the date it is submitted to Company and acknowledges that Company will rely on this certification in determining the compliance of its products. In submitting this declaration, Supplier further certifies that (6 items):

1. In compliance with Cummins Engineering Standard 10903 (\*CES 10903\*), Supplier's products conform to applicable laws, regulations, prohibitions and restrictions on content.
2. Product content data submitted through this declaration constitutes full material disclosure (\*FMD\*) as defined in CES 10903.
3. If Supplier claims its product is exempt from regulatory material restrictions, the declaration discloses the factual basis for such claim on the Substances tab.
4. Supplier agrees to notify Company promptly of the changes to the material content or compliance status of the products. Supplier will comply with any changes in applicable material restrictions and: (a) adjust the material content of the Products; and (b) update this declaration.
5. Supplier's entries of proprietary data on a line item on the Substances tab do not relate to materials that are banned or limited under the law, and neither the associated concentration value for that line item, nor the aggregated values for lines grouped in the homogenous level, exceed 10%.
6. This declaration is a supplement to or amends the terms and conditions of supply contracts between Supplier and Company.

Supplier Acceptance(\*) Accepted

**Requester Information**

Company Name (\*) Cummins Inc  
Request Date(\*) 8/21/2025  
Document ID  
Respond By Date  
Contact Name(\*) Cummins SQIE or Sourcing manager  
Email(\*) [supplier\\_compliance@cummins.com](mailto:supplier_compliance@cummins.com)  
Phone(\*) Cummins SQIE or Sourcing manager contact number  
Field Lock No

**Supplier Information**

Company Name (\*) Supplier Name  
Response Date(\*) 8/21/2025  
Document ID  
Authorized Rep(\*) Supplier Rep  
Email(\*) [Supplier rep email](#)  
Phone(\*) Supplier rep's contact number  
Vendor ID(\*) SIM ID (6 digit number assigned by Cummins)  
DUNS  
Field Lock No

Contact Name(*)	Contact Email(*)	Contact Phone(*)
Supplier rep - 2	Supplier rep - 2 email	Supplier rep - 2

**Business Info tab**

Business Info Products Sub Products Homogeneous Materials Substances Data Summary License

Step 3a: Supplier acceptance of legal declaration

Step 3b: Enter requestor information details.

Cummins sourcing or SQIE contact person, and their details can be added here.

Step 3c: Enter supplier information details.


- Please enter SIM ID in vendor ID. If unsure about SIM ID please contact Cummins sourcing manager or SQIE contact.

Step 3d: Enter contact names.

- Add additional contact details if any else enter same contact details used for Step 3.

# Step 4: Products tab

Only one part number per Anthesis file. Multiple part number can not be pooled into single Anthesis class D template.

Anthesis COMPLIANCE SUITE Products 

Help Clear Sum of all declared masses in Homogeneous Material tab should be minimum of 99% and maximum of 100% declared product masses.

Client Product Information			Supplier Product Information				
Cummins part number (*)	Cummins part name (*)	Unit(*)	Mfr Site	Cummins part number (*)	Cummins part name (*)	Mass(*)	UoM(*)
1234567	Capscrew	Each		1234567	Capscrew	100	g

**Step 4a: Cummins part number** (points to Client part number)

**Step 4b: part name as per Cummins drawing or print** (points to Client part name)

**Step 4c: click on this cell and select "Each" using the drop-down menu.** (points to Client unit)

**Step 4a: Cummins part number** (points to Supplier part number)

**Step 4b: part name as per Cummins drawing or print** (points to Supplier part name)

**Step 4d: enter total weight of the part or assembly** (points to Supplier mass)

**Step 4e: enter unit of measurement (UoM) for the weight. Click on this cell and select UoM from the drop-down menu.** (points to Supplier UoM)

**Products tab** (points to the Products tab in the bottom navigation bar)

Business Info **Products** Sub Products Homogeneous Materials Substances Data Summary License +



# Step 6: Homogeneous Materials tab

Anthesis COMPLIANCE SUITE Homogeneous Materials

Help Clear

Sub Product	Material Group Name(*)	Homogeneous Material(*)	Mass(*)	UoM(*)
1 - Base bolt	M-002 Other ferrous alloys, non-stainless steels	ISO 898-1 class 10.9	99 g	
2 - Zinc phosphate coating	M-007 Zinc and its alloys	Zinc phosphate	1 g	

Step 6a: click on sub product cell and drop-down menu would populate listing all the sub products that were listed in step 5a. Select each sub product in individual row.  
- For submission with no sub products listed in step 5, keep these cells empty and move to step 6b.

Step 6b: click on material group name and drop-down menu would populate list of different material categories. Select option that matches with the material been used for respective sub product.  
- For submission with no sub products listed in step 5, select appropriate category for the material been used to make the part.

Step 6c: provide material standard detail such as ASTM, JIS, ISO grades etc. or general description used internally by manufacturer such as "carbon steel" or "aluminum alloy" etc.


Step 6d: enter total weight of respective sub product or assembly part.  
- Example a sub product with 3 quantities each weighting 1 kg then enter 3 kg instead of 1 kg.

Step 6e: enter unit of measurement (UoM) for the weight. Click on this cell and select UoM from the drop-down menu.  
- Please keep UoM consistent with the unit used in products tab.

Homogeneous Materials tab

Business Info | Products | Sub Products | Homogeneous Materials | Substances | Data Summary | License | +

# Step 7: Substances tab

Anthesis COMPLIANCE SUITE Substances 

Help Clear

Homogeneous Material(*)	Level	Substance Category	Substance Name(*)	CAS# or Proprietary (*)	Mass	UoM(*)	Conc(%)*	Exemption	Description
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Carbon	7440-44-0	0.2475 g		0.25		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Phosphorus	7723-14-0	0.0396 g		0.04		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Sulphur	7704-34-9	0.0495 g		0.05		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Manganese	7439-96-5	0.6435 g		0.65		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Iron	7439-89-6	98.0199 g		99.01		
2 - Zinc phosphate coating / Zinc phosphate	Supplier	Supplier	Zinc phosphate	7779-90-0	1 g		100		

Business Info | Products | Sub Products | Homogeneous Materials | **Substances** | Data Summary | License | +

Step 7a: click on Homogeneous material cell and drop-down menu would populate listing all the sub products that were listed in step 5a. Select same sub product in individual row for all the substances that are constituent of its material

Step 7b: level and substance category would auto populate to "Supplier" when selecting homogeneous material in step 7a.

Step 7c: enter substance name which are the elements that constituent chemistry of homogeneous material. These details are typically provided by raw material supplier thru material test report or can be determined by chemical composition testing

Step 7d: enter CAS number associated with respective substance name. CAS number can be found thru American Chemical Society CAS registry database. Link to the CAS database is shown below.  
<https://commonchemistry.cas.org/>

Step 7e: mass would auto populate when Conc % is entered in the step 7g.

Step 7f: enter unit of measurement (UoM). Click on this cell and select UoM from the drop-down menu.  
- Please keep UoM consistent with the unit used in products tab.

Step 7g: enter concentration for each substance.  
- Please note, the sum of concentration for respective homogeneous material needs to add up to 100%.

Substance tab

# Step 7: Substances tab: Proprietary Substance Requirements (*only if applicable*)

- Use the Substance Name and CAS#: “**Proprietary**” when declaring proprietary or secret substances.
- The concentration of the **Proprietary substance cannot exceed 10% of the total mass of the homogenous material.**

This blue text is a note regarding proprietary substance. It is not an error.

Anthesis COMPLIANCE SUITE Substances

Help Clear Please refer to item 5 in the Legal Declaration on Business Info tab that no Prohibited or Declarable substances can be within the Proprietary line.

Homogeneous Material(*)	Level	Substance Category	Substance Name(*)	CAS# or Proprietary (*)	Mass	UoM(*)	Conc(%)*	Exemption	Description
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Carbon	7440-44-0	0.2475 g		0.25		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Phosphorus	7723-14-0	0.0396 g		0.04		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Sulphur	7704-34-0	0.0495 g		0.05		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Proprietary	Proprietary	0.6435 g		0.65		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Iron	7439-89-6	88.6135 g		88.66		
2 - Zinc phosphate coating / Zinc phosphate	Supplier	Supplier	Zinc phosphate	7779-90-0	1 g		100		

Acceptable condition.  
-Proprietary substance concentration % is less than 10%.

Rows for substances associated with homogeneous material.

Anthesis COMPLIANCE SUITE Substances

Help Clear Proprietary substances have exceeded 10% maximum allowable limit at homogeneous material level.

Homogeneous Material(*)	Level	Substance Category	Substance Name(*)	CAS# or Proprietary (*)	Mass	UoM(*)	Conc(%)*	Exemption	Description
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Carbon	7440-44-0	0.2475 g		0.25		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Phosphorus	7723-14-0	0.0396 g		0.04		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Sulphur	7704-34-0	0.0495 g		0.05		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Proprietary	Proprietary	10.89 g		11		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Iron	7439-89-6	87.7734 g		88.66		
2 - Zinc phosphate coating / Zinc phosphate	Supplier	Supplier	Zinc phosphate	7779-90-0	1 g		100		

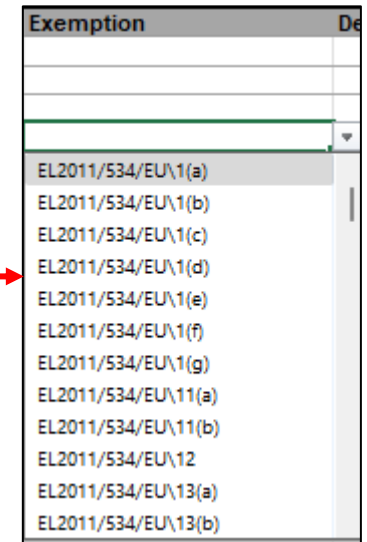
Not acceptable condition.  
-Proprietary substance concentration % is less than 10%.

# Step 7: Substances tab: Exemptions (*only if applicable*)

The details provided on this page is for illustrative purposes only and is intended solely as an example. Please ensure that actual and accurate details are used for any parts that are supplied to Cummins.

- Select the applicable EU RoHS exemption from the dropdown selection box if the part exceeds the regulated/threshold values (i.e., > 0.1% by weight (1,000 ppm) of homogeneous materials by weight, or > 0.01% for Cadmium.) The exemption description will be automatically pre-populated once the exemption has been chosen from the dropdown selection box.


Drop down selection of EU RoHS exemptions when clicking exemption cells for respective substance.



Anthesis COMPLIANCE SUITE		Substances							Cummins
Homogeneous Material(*)	Level	Substance Category	Substance Name(*)	CAS# or Proprietary (*)	Mass	UoM(*)	Conc(%)*	Exemption	Description
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Carbon	7440-44-0	0.2475 g		0.25		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Phosphorus	7723-14-0	0.0396 g		0.04		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Sulphur	7704-34-9	0.0493 g		0.05		
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Lead	7439-92-1	0.396 g		0.4	EL2011/534/EU6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight
1 - Base bolt / ISO 898-1 class 10.9	Supplier	Supplier	Iron	7439-89-8	96.2674 g		99.26		
2 - Zinc phosphate coating / Zinc phosphate	Supplier	Supplier	Zinc phosphate	7779-90-0	1 g		100		

# Step 8: Data Summary tab


- Once all the above steps are duly completed, check the data summary tab to ensure that all data elements are marked as **Completed** (showing in green) and the message bar header says **No Error Found!**
- Send completed anthesis form to [supplier.compliance@cummins.com](mailto:supplier.compliance@cummins.com)

**Anthesis COMPLIANCE SUITE** Data Summary 

**Help** No Error Found!

Company Name (*)	Completed	<a href="#">Requester Name</a>
Request Date(*)	Completed	<a href="#">Request Date</a>
Contact Name(*)	Completed	<a href="#">Requester Contact Name</a>
Email(*)	Completed	<a href="#">Requester Contact Email</a>
Phone(*)	Completed	<a href="#">Requester Contact Phone</a>
<b>Supplier Information</b>		
Company Name (*)	Completed	<a href="#">Supplier Name</a>
Response Date(*)	Completed	<a href="#">Supplier Response Date</a>
Authorized Rep(*)	Completed	<a href="#">Supplier Authorized Rep.</a>
Email(*)	Completed	<a href="#">Supplier AuthorizedRep. Email</a>
Phone(*)	Completed	<a href="#">Authorized Rep. Phone</a>
Contact Name List	Completed	<a href="#">Supplier Contact List</a>
<b>Summary Notes from different sheets</b>		
Business information	Completed	<a href="#">Business Info sheet</a>
Products	Completed	<a href="#">Products sheet</a>
Sub Products	Completed	<a href="#">Sub Products sheet</a>
Query Lists	Completed	<a href="#">Query Lists sheet</a>
Query Exemptions	Completed	<a href="#">Query Exemptions sheet</a>
Substance Category Lists	Completed	<a href="#">Substance Category Lists sheet</a>
Substance Category Exemptions	Completed	<a href="#">Substance Category Exemptions sheet</a>
Homogeneous Materials	Completed	<a href="#">Homogeneous Materials sheet</a>
Substances	Completed	<a href="#">Substances sheet</a>

Data Summary tab

Data Summary