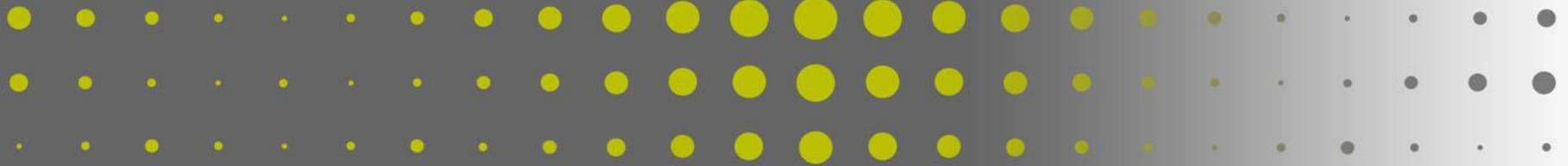




“How to”
Compliance Process Management (CPM) tool



Contents

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Purpose of CPM Tool

- The tool contains within it 15 different OEM specifications and REACH and GADSL legal regulations
- Each regulation/specification is referred to as a “rule set”
 - Format of rule set name is: “OEM (document number) YYMM”
 - REACH Authorization has the format the other way around (REACH Authorization EU 1601 - year before month)
- The tool allows for the “grading” of the compliance of a basic substance against any one or combination of these rule sets given the CAS # of the basic substance and the amount in percentage of the substance present in the supplied material
- The output indicates whether the basic substance passes or fails the material compliance requirements for the selected rule set(s) and why

CPM Tool - <http://cpm.autoneum.com/cpm>

User interface

Disclaimer: Please note that the use and results obtained from the CPM tool do not relieve the supplier and processors from their obligation to comply with all national and international legal regulations regarding restricted substances and prohibition regulations resulting therefrom.
Please note that the translated content should be used as a guideline only. For the official text you should refer to the official documentation.

The screenshot displays the 'Grading' interface of the CPM tool. At the top right, there is a 'Help' link and a 'Select Language' dropdown menu. The main content area is titled 'Grade a BOM' and contains the following elements:

- Rule Sets for grading:** A dropdown menu with the text 'Select rule sets for grading.' and a 'Select Current' button below it.
- Cas Number Check :** An input field with the placeholder text 'Enter Cas Number'.
- Amount(%):** An input field containing the value '0'.

Below the 'Grade a BOM' section, there is a 'Grade' section which is currently empty.

Rule Sets Currently Available

Legal:

GADSL Global [2016]

REACH Candidate EU 0117

REACH Authorization EU 1601

REACH Restriction Article67 EU 1213

OEM Specifications:

BMW (GS93008-2) [2014]

Daimler (8585) [2016]

Fiat-Chrysler (CS-9003) [2016]

Ford (Company Regulations) [2016]

GM (GMW3059) [2016]

Honda (HCSMS) [2016]

JLR (STJLR-99-9999) [2015]

Nissan (M0301) [2015]

Nissan-Renault (RNES-B00027) [2016]

PSA (B20-0250) [2015]

Scania (4158) [2015]

Suzuki (N2402) [2016]

Toyota (TSZ0001G) [2013]

VW (50156) [2015]

Volvo Car (VCS 5036) [2015]

Volvo Truck (STD 100-0002) [2015]

Instructions for Grading a Basic Substance

Four Steps to Use the Tool!

The screenshot shows the 'Grading' application window. On the left, there are input fields for 'Rule Sets for grading:', 'Cas Number Check:', and 'Amount(%)'. The 'Structure' table on the right shows a row of colored cells representing different manufacturers. The 'Vendor Parts' table at the bottom shows a row of colored cells for a specific part. Four callouts with numbers 1 through 4 point to specific actions: 1 points to the 'Select All' button, 2 points to the 'Cas Number Check' field, 3 points to the 'Amount(%)' field, and 4 points to the 'Grade' button.

1 Click Select Current

2 Enter CAS #

3 Enter % content

4 Click Grade

Structure

Name	BMW (G)	GM (GM)	Volvo Ca	Volvo Tr	Nissan (N)	REACH R	Suzuki (S)	REACH C	Fiat-Chr	GADSL G	Nissan (N)	Daimler	REACH C	Ford (Co)	REACH A	JLR (ST)	Scania (S)	Toyota (T)	Honda (H)	Suzuki (S)	VW (50)	Honda (H)	PSA (B2)	Daimler	
50-00-0_0_5_p...	Red	Orange	Green	Red	Green	Green	Green	Green	Red	Red	Green	Green	Green	Red	Green	Green	Green	Green	Green	Orange	Green	Green	Orange	Red	Green

Vendor Parts

Part	BMW (G)	GM (GM)	Volvo Ca	Volvo Tr	Nissan (N)	REACH R	Suzuki (S)	REACH C	Fiat-Chr	GADSL G	Nissan (N)	Daimler	REACH C	Ford (Co)	REACH A	JLR (ST)	Scania (S)	Toyota (T)	Honda (H)	Suzuki (S)	VW (50)	Honda (H)	PSA (B2)	Daimler	
50-00-0_0_0...	F	U	P	F	P	P	P	P	P	F	F	P	P	P	P	P	P	P	P	U	P	P	U	F	P



Instructions for Grading a Basic Substance

Four Steps to Use the Tool Summary!

Click “Select Current” rule sets for grading

Enter in CAS # of the basic substance to be checked in correct dash format (#####-##-#)

Enter in the % content of the basic substance in the product

Click Grade!

Understanding Result Summary

States in the grading system

- **FAIL:**
 - General: The threshold of a **prohibited** substance is exceeded
 - REACH Candidate: Declarable substances with no exemptions available
- **UNAPPROVED FAIL:** The threshold of a **declarable** substance is exceeded
- **PASS:** The threshold of the substance is not exceeded or the substance is not declarable or prohibited

Interpreting Results

In General (with the Exception of REACH)

FAIL: The substance is **prohibited above the indicated threshold**.

Ex. 1: A threshold of 0% means the substance is prohibited at all concentrations

Ex. 2: A threshold of 3.1% means that the substance is only prohibited above 3.1%, but below or equal to it is permitted.

UNAPPROVED FAIL: The substance is **declarable above the indicated threshold**.

Ex. 1: A threshold of 0% means that the substance must be declared at all concentrations

Ex. 2: A threshold of 0.1% means that the substance must be declared above 0.1%

★ **IMPORTANT NOTE:** If a substance has two statuses (e.g., prohibited if used as a biocide, but otherwise declarable for other uses) within one rule set, then the worst possible status is shown, **FAIL**, but in the failure description, you see both statuses and associated thresholds

Understanding Result Summary

Interpreting REACH Results

REACH Candidate, Authorization and Restriction

PASS:

Candidate and Authorization: the substance is not on the list OR the substance is present under or equal to the threshold

Restriction: the substance is not on the lists

FAIL:

Candidate: the substance is DECLARABLE

Authorization: These substances cannot be placed on the market or used after a given date, unless an authorization is granted for their specific use, or the use is exempted from authorization

Restriction: the substance is on the list and therefor **PROHIBITED**

More Information

- Improve visibility of the screen window by hiding rule sets. Click on the small arrow on the right, selecting Columns, then selecting and deselecting the desired rule sets

Change language: Help Select Language

Grade a BOM

Rule Sets for grading:
 BMW (GS93008-2) 1409, Daimler 8585 1607, F

Select Current

Cas Number Check :
 50-00-0

Amount(%): 0.5

Grade

Grading Result

Bill Of Materials

Structure Graded At: Jun 29, 2017 16:04

Level	Name	Daimler 8	Nissan-Re	REACH Au	BMW (GS	GM (GMW	Volvo Car	Suzuki (N	Ford (Con	Fiat-Chrys	Volvo Tru	Honda (H	JLR (STJL	REACH R	Scania (4	Toyota (T	VW (5015	GADSL 16	PSA (B20	REACH C
	50-00-0_0.5_perc...	Pas...	Pas...	Pas...	Pa...	U...	Pa...	Pa...	Fa...	Fa...	Pa...	Fa...	Pa...	Pa...	Pa...	Pa...	Pa...	Fa...	Fa...	Pa...

- Part
- Daimler 8585 1607
- Nissan-Renault (RNES-800027) 1608
- REACH Authorization EU 1601
- BMW (GS93008-2) 1409
- GM (GMW3059) 1603
- Volvo Car (VCS 5036) 1505
- Suzuki (N2402) 1604
- Ford (Company Regulations) 1604
- Fiat-Chrysler (CS-9003) 1605
- Volvo Truck (STD 100) 1503
- Honda (HCSMS) 1608
- JLR (STJLR-99-9999) 1504
- REACH Restriction Article67 EU 1213
- Scania (4158) 1507
- Toyota (TSZ0001G) 1310
- VW (50156) 1510

Vendor Parts

Part	Daimler 85	Nissan-Ren	REACH A	BMW (GS9	GM (
50-00-0_0.5_pe	Pas...	Pas...	P		
0.5 percent (
Reason o	-	-	-		
Comment	-	-	-		
Applied E	-	-	-		
Applicabl	-	-	-	BMW (G...	GM (



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**Do you have questions? Please contact the
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