

GDM QUICK REFERENCE GUIDE: PERFORMING COMPLIANCE ANALYSIS ON BOMS

General:

This document describes a quick way of performing compliance analysis on a specific regulation for your BOMs.

1. Select your BOMs by filtering the BOM ID or other criteria listed in the “**Action Panel – Search**” and click on “**Search**”. Example shown below with BOMs from the product family of “AT”.

BOM List

Select the BOM(s) of interest to view details.

[Switch to Extended Miner](#)

Action Panel - Search: (use '_' and '%' as wildcards to assist with your search)		Action Panel - List:	
BOM ID: <input style="width: 150px;" type="text" value="AT"/>	BOM Name: <input style="width: 150px;" type="text"/>	<input type="button" value="Search"/>	
<input style="width: 150px; height: 30px;" type="text"/>	Project Name: <input style="width: 150px;" type="text"/>	<input type="button" value="Reset"/>	
Location: <input style="width: 150px;" type="text" value="<Not Selected>"/>		Manage Search: Select Search Save Search	
		View Compliance Summary View Customer Compliance Summ View Product Mass Analysis View BOM REACH Reportable SVH Schedule Bulk reports	

Total Number of BOMs: 26 [Download Excel](#)

Now displaying page 1 of 1. BOMs per page: [\[Previous\]](#) [\[Next\]](#) Page #: [Go](#)

#	BOM ID	BOM Name	Project Name	Location	R
1	1001-250	CONTROL BOARD for MXX System		Pasadena	
2	AT100	Wireless Router	Advantage	Hawaii	
3	AT1015	Wireless Router	Advantage	Hawaii	
4	AT1500	Wireless Router	Advantage	Hawaii	
5	B16	Control Board M609 V2, DIV B from Location 2		Utah	
6	B17	Control Board M2290, DIV-B from Location 2		Utah	
7	C1	Control Board M550 from DIV-1		Hawaii	
8	C15-1	Control Board M590, DIV-15-1 v2		Pasadena	
9	C16	Control Board M609 V2, DIV-16-1		Finland	
10	C16-2	Control Board M609 V2, DIV-16-2		Finland	

- To perform the compliance analysis on each BOM from the product family for certain specific regulation, select the **“View BOM Summary Report”** from the **“Action Panel – List”**.

BOM List

Select the BOM(s) of interest to view details.

[Switch to Extended Minerals View](#) [Switch to Conflict Minerals View](#)

Action Panel - Search: (use '_' and '%' as wildcards to assist with your search)		Action Panel - List:	
BOM ID: AT	BOM Name: <input type="text"/>	<input type="button" value="Search"/>	View Compliance Summary
	Project Name: <input type="text"/>	<input type="button" value="Reset"/>	View BOM Summary Report
	Location: <Not Selected>		View Customer Compliance Summary
	Manage Search: Select Search Save Search		View Product Mass Analysis
			View History/Statistics
			View Summarized BOM Details
			View BOM REACH Reportable SVHC
			Import BOM
			Schedule Bulk reports
			Generate CA Prop 65 Report

Total Number of BOMs: 3 [Download Excel](#)

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 Go

[100%] [\[Re-Match Line Items\]](#)

#	BOM ID	BOM Name	Project Name	Location	Revision	Imported Date	Line Items Matched Date
1	AT100	Wireless Router	Advantage	Hawaii		07/04/2023 02:25:30 PM	11/14/2023 10:31:52 AM
2	AT1015	Wireless Router	Advantage	Hawaii		08/24/2023 01:36:01 PM	11/14/2023 12:00:29 AM
3	AT1500	Wireless Router	Advantage	Hawaii		07/04/2023 02:25:31 PM	11/14/2023 12:00:29 AM

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 Go

- The BOM Summary Report will show you the compliance summary for each BOM on 2 regulations – **“EU RoHS (for 6 substances)”** and Rule 2. **“EU RoHS”** is there by default so you cannot change it. Rule 2 has the default of **“EU RoHS-2 New Substances (for 4 new substances)”**, and you can change it to the desired regulation. It also displays the status for FMD on each BOM, as well as the collection status on parts inside each BOM.

BOM Summary Report

Total Number of BOMs: 3 Include 2nd Source Rule 2 for Charts: EU RoHS-2 New Substances [Download Excel](#)

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 Go [Return](#)

Product		# of Parts				Lifecycle Data			EU RoHS Data					EU RoHS-2 New Substances Data					
#	BOM ID	# of Unique Manufacturers	Total	Match with Item Master	Not Match with Item Master	Part Mass Specified	Active	Obs / EOL / NRND	Unknown	Compliant	With Exemption	Not Compliant	Unknown	Not Applicable	Compliant	With Exemption	Not Compliant	Unknown	Not Applicable
	Summary	21	30	30	0	28	28	2	0	21	9	0	0	0	27	0	0	3	0
1	AT100	21	30	30	0	28	28	2	0	21	9	0	0	0	27	0	0	3	0
2	AT1015	21	30	30	0	28	28	2	0	21	9	0	0	0	27	0	0	3	0
3	AT1500	21	30	30	0	28	28	2	0	21	9	0	0	0	27	0	0	3	0

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 Go

- If the intended regulation is the “**Master PFAS scan**”, then you can change the “**Rule 2 for Charts**” by selecting the “**Master PFAS scan**” from the drop-down list, as shown below.

BOM Summary Report

Total Number of BOMs: 3 Include 2nd Source Rule 2 for Charts: Master PFAS scan [Download Excel](#)
 Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 [Go](#) [Return](#)

Product			# of Parts				Lifecycle Data			EU RoHS Data					Master PFAS scan Data				
#	BOM ID	# of Unique Manufacturers	Total	Match with Item Master	Not Match with Item Master	Part Mass Specified	Active	Obs / EOL / NRND	Unknown	Compliant	With Exemption	Not Compliant	Unknown	Not Applicable	Compliant	With Exemption	Not Compliant	Unknown	Not Applicable
	Summary	21	30	30	0	28	28	2	0	21	9	0	0	0	28	0	1	1	0
1	AT100	21	30	30	0	28	28	2	0	21	9	0	0	0	28	0	1	1	0
2	AT1015	21	30	30	0	28	28	2	0	21	9	0	0	0	28	0	1	1	0
3	AT1500	21	30	30	0	28	28	2	0	21	9	0	0	0	28	0	1	1	0

Now displaying page 1 of 1. BOMs per page: 50 [Previous] [Next] Page #: 1 [Go](#)

- You can then review the compliance status on each BOM – for example, you can view the status of “**Master PFAS scan**” on BOM of AT100, which has the total of 30 parts inside the BOM, and the current status are: 28 parts are compliant to “**Master PFAS scan**”, and 1 part is not compliant and 1 part is with unknown status. You can click on the 1 for “**Not Compliant**” to see which part is not compliant in this BOM, and you can click on the 1 for “**Unknown**” to see which part has the unknown status for “**Master PFAS scan**” – as shown below.

BOM Parts List

BOM ID: AT100 Project Name: Advantage
 BOM Name: Wireless Router Revision:
 External BOM ID: Advantage Plus 100 Location: Hawaii
Imported Date: 07/04/2023 02:25:30 PM

Note: Parts filtered based on the following search conditions: Master PFAS scan [Failed or Subpart Failed].

Total Number of Parts: 1 [Download Excel](#)
 Now displaying page 1 of 1. Parts per page: 50 [Previous] [Next] [Show Standard Fields](#) Page #: 1 [Go](#) [Return](#)

● OK/Passed ● Not Ready/Failed ● Invalid Entry/Incomplete ● Document Expired ● Passed with Exemption ● Subpart Info Incomplete ● Subpart Failed ○ Not Applicable

#	Internal PN	Manufacturer	Manufacturer PN	2nd Source	Description	Requirement Status	MCD Type	MCV Version	Lifecycle	Collection Status	Exemptions	Part Mass	Update Date	Related Documents	Master PFAS scan
1	0022-10036-10	AVX	TAJA106K010R		CAP,3216,10 UF,10%,10V,TANT,RoHS COMPLIANT	Passed	Full Disclosure FHD		Active	Completed and Delivered		0.029	8/15/2023 11:27:08 AM		●

Now displaying page 1 of 1. Parts per page: 50 [Previous] [Next] Page #: 1 [Go](#)

- Once you are done with the analysis, you can then work with the design team on the specific parts that are not compliant to the intended regulations, which you may replace such with a compliant part to fulfill the obligation for compliance reporting.
- You can also work with the data collection team on the parts that are with the compliance status of “**Unknown**” by either pushing the supplier to provide the compliance data on such parts or examining the possibility of replacing such with the compliant replacements.