

1752A Class A Non-homogeneous Material Declarations

Suppliers could submit Class A non-homogeneous material declarations for equipments or parts under REACH projects with ARRIS preapproval. This declaration allows the supplier to only indicate what Substances of Concern (SoC) in the part is above the RoHS threshold with proper exemptions.



Please contact ARRIS EDM or Compliance team to determine whether your supplied parts can be reported in Class A Non-homogeneous material declaration.

Summary of the Scriba Tool Process



Downloading and installing the Scriba application

- 1. Click <u>here</u> to access to ARRIS Corporate Responsibility website.
- 2. Find and access to the Material Disclosure Process and Tools link
- 3. Download the Scriba 1750a version and follow the steps below to install the application.

This version has been modified to enable full compatibility with ARRIS's environmental data management system.

Scriba requires Java Runtime Environment (JRE) v5.1 or higher. JRE can be obtained at no cost from <u>http://java.com/download/</u>.

Using WinZip or an equivalent application; extract the files into a suitable folder making sure to retain the folder structure of the zipped files.

ARRIS will send an email with a XML file attached. Double click the file **ARRIS Scriba tool.jar** to start the application.

Nam	ie	Date modified	Туре	Size
)), E	ExemptionLists	09/13/2013 02:52 PM	File folder	
<u>]]</u>	ib	09/13/2013 02:52 PM	File folder	
<u>)</u>	MaterialGroupLists	09/13/2013 02:52 PM	File folder	
<u>)</u> I	MaterialList	09/13/2013 02:52 PM	File folder	
<u> </u>	MaterialSummaryLists	09/13/2013 02:52 PM	File folder	
🕕 F	RohsLists	09/13/2013 02:52 PM	File folder	
<u> </u>	keystore	09/05/2012 11:18 AM	KEYSTORE File	10 KB
B) /	ARRIS Exemptions.xls	09/13/2013 02:54 PM	Microsoft Office Excel 97-2003 Worksheet	37 KB
📧 /	ARRIS Scriba tool.jar	02/20/2014 02:36 PM	Executable Jar File	655 KB
2	ARRIS WPA System Error Guide.xls	09/13/2013 02:54 PM	Microsoft Office Excel 97-2003 Worksheet	58 KB
- E	README.TXT	09/05/2012 11:18 AM	Text Document	2 KB
<u> </u>	Scriba.log	02/26/2014 09:40 AM	Text Document	0 KB
🖺 t	mp.xml	02/20/2014 02:44 PM	XML Document	2,407 KB
<u> </u>	/alid.xml	02/20/2014 02:43 PM	XML Document	187 KB
X	mldsig-core-schema.xsd	09/05/2012 11:18 AM	XSD File	10 KB



Import an IPC 1752 XML Header

From the main Scriba window, go to File>Open document, select the XML 1752 XML Header you want to import and click "Open":

🖆 Scriba		🙆 Open
Reset document		Look In: Downloads
Save document		Name Size Item type Date modifi 🔻
Morno ati		594214-001-00.xml 2.41 KB XML Document 02/11/2014
	1	RoHS YesNo.xml 1.37 KB XML Document 02/07/2014
	:	1330583.xml 2.30 KB XML Document 02/06/2014
		1752A_HOME_587 7.58 KB XML Document 02/06/2014
		593334-001-00.xml 2.32 KB XML Document 02/05/2014
		1752A_HOME_587 5.75 KB XML Document 02/05/2014
		RC3134504-01BR (32.2 KB XML Document 01/16/2014
		File <u>Name:</u> 594214-001-00.xml
		Files of Type: XML files *.xml
		Open Cancel
		Open selected file

Then click "Yes" at the prompt to reset the Scriba form.

Select an	Option 💌
?	Are you sure you want to perform a Reset on this Form ?
	Yes No Cancel



Completing the required information fields:

In the upper part of the IPC Declaration tab of the Scriba window, the information loaded from the ARRIS XML file is displayed. The Supplier Information fields shaded in red require completion. If the Contact and Representative are the same, the contact fields may be copied by pressing the >> button.

ature Preferences Help							
ration Product & SubProd	luct Information	Additional Data Requests					
Supplier Product	eclaration	warranties and conditions with re-	espect to the MMI PORTIONS, either express,	implied or statutory, including, but	not Sectionals *	Subsectionals *	1
Beta software Test 2 This docu	iment is a supplier	purpose, of accuracy, of quiet e	enjoyment, and non-infringement of third party	rights; and (iv) in no event shall M	Mi's total MaterialInfo	A - Query/Reply	í
declaration for a product or far	nily of products.	PORTIONS © 2011 Motorola Mo	bility, Inc. All rights reserved	FORTIONS.	ManufacturingInfo	B - Material Group	
See IPC Web Site for Informati Standard, http://www.ipc.org/	on on IPC-1750 Series	Form Type *	Version			C - Material Summary	
- Pequester Informs	tion	Request/Reply	▼ 2.0		Required Field	D - Homogeneous Material	1
Requester morma				Click and			
Company Name *	ARRIS	Contact N	lame * ARRIS Contact	Deselect	supplier ID 1699	95	
Request Document	ID	Contact T	Title	D-Homogeneous			
Company Unique ID	N/A	Contact P	hone * 123456789	Material	Supplier provides Mfr Item Ve	rsion & Manufacturing	
Unique ID Authority	N/A	Contact E	mail * contact@arrisi.co	m			
Request Date	2011-10-03-	12:00 🖸 Requeste	er Comments				
Respond By Date	2011-10-17-	12:00					
		IMPORTANT	T: All other fields	Lock Request Field	s	Additional Details	
Our milian informati		must not I	be changed!	Copy Contac	ct Info		
Supplier information	on			to Represent			
Company Name *	Supplier Cor	mpany Name Contact M	Name * Supplier Contact	Name Ai	uthorized Representative *		
Response Documer	nt ID	Contact 1	Fitle	R	epresentative Title		
Company Unique ID	169995	Contact F	Phone * 1234567	>> R(epresentative Phone *		
Unique ID Authority		Contact E	Email * ABC@suplierco.	com Re	epresentative Email		
Response Date *		Supplier	Comments				
						Additional Details	
Uncertainty State	ment		Complete Deg				
	Verify =	Standard			Select Acce	epted	
	Veiliy	Charlourd					
Legal Statement	/	•					
Legar otatement				Su	pplier Acceptance *		
Legal Declaration *	Standard	-		50	philot theophiline		
Supplier certifies that i	gathered the provid	ed information and such in	nformation is true and correct to the	best of its knowledge and t	elief, as of the date that Supplie	r completes this form.	
Supplier acknowledge	s that Company will	rely on this certification in o	determining the compliance of its pr	oducts. Company acknowle	edges that Supplier may have re	lied on information	
information provided b	y others, Supplier ag	rees that, at a minimum, it	is suppliers have provided certificati	ons regarding their contribu	utions to the part(s), and those c	ertifications are at least as	
comprehensive as the	certification in this p	aragraph. If the Company	and the Supplier enter into a written	agreement with respect to	the identified part(s), the terms a	and conditions of that	
agreement, including a	any warranty rights a	nu/or remeales provided a:	s part of that agreement, will be the	sole and exclusive source	or the Suppliers liability		
Attachment							
					-		
+ -		Name	File T	ne Attach	Save		

Do NOT change any other fields. In order for the declaration to be accepted, the Supplier Name and Supplier ID must match what is in the system or the declaration will be rejected.

On the lower part of the IPC Declaration Tab, ensure that the Legal Declaration type = Standard. Click the Supplier Acceptance dropdown and select Accepted.

The Uncertainty Statement and Attachment sections are not used at this time.



Populate Class A non-homogeneous material declaration

From the main Scriba window, after open IPC 1752 XML Header, in Subsectionals only select "A-Query/Reply":

Sectionals *	Subsectionals *		
MaterialInfo	A - Query/Reply		
ManufacturingInfo	B - Material Group		
	C - Material Summary		
* Required Field	D - Homogeneous Material		

Double click on the Product icon in "Product & SubProduct Information" tab to open the Product window

🖆 Scriba 🔶									
File Signature Preferences Help									
IPC Declaration	Product & SubProduct Information	Additional Data Requests							
This tree repres	ents the Products and SubProducts	s structure.							
User Instructions	E								
- Right click to a	idd or modify product								
- One click expa	ind each node								
- Two clicks edit	the node								
Product List									
🖵 🕖 Product: (Mf	ritemNumber="LE LEM2520T R68J"Mfrite	emName="")							

In the "Product" tab of the Product window, complete the required fields:

Product: (MfrItemName=""MfrItemNumber="LE LEM2520T R683")	
	highlight this Product in Product Tree
Product 1752 Query/Reply	
Product ID	A
Requester Ite Requester Ite Mfr Item Numb Mfr Item Name Version Mfr Site Effective Date Mass 2462587P66 IDCTR,FXD,6 LE LEM2520T IDCTR,FXD,6 3	UoM + - Identity Authority
	ng =
Verify these Enter Mfr fields are correct item name	ig ppm
	nassPercent
Select Part unit type,	
Unit Type Each Comment	
	_
(I	
Close	

• Requester Item Number - ARRIS item number. This will be included in the request XML header file and should be verified.



- Requester Item Name ARRIS item description. This will be included in the request XML header file.
- Mfr Item Number Supplier part number. This will be included in the request XML header file and should be verified.
- Mfr Item Name Enter a supplier part name or description.
- Mass Enter the mass amount in grams of the whole part.
- UoM Using the dropdown list, select the units of measure for the mass amount.



"massPercent" is not supported at this time at the product level.

Mass	UoM	+	-	
	•	+	-	
	ua k			
	ma			
	ing			
	g			
	kg			
	ppm			
	massPercent			

• Unit Type – Using the dropdown list, select the unit type for the mass amount. Generally this should be **Each**

Unit Type	Each	-
	Each	
	Meter	45
	m^2	
	m^3	
	cm	-
	cm^2	
	cm^3	
	Liter	-

The remaining fields (Version, Mfg Site, Effective Date, Identity, and Authority) are not used by ARRIS and may be left blank.



Select the **1752 Query Reply** of the Product window.

oduct 1752 Query/Reply uery Lists Add Query List ChinaRoHS-0508 ChinaRoHS-0508 EURoHS-0508 Delete Query List Product(s) meets EU RoHS requirement without any exemptions Response Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exemptons Product(s) meets EU RoHS requirements and is not under exemption(s) Product(s) does not meet EU RoHS requirements and is not under exemptions ratse Product(s) is obsolete, no information is available fatse Product(s) is unknown, no information is available Select True to the Statement Select True to true Select True to true Select True to the Statement I = Exemption			umber – LE LEMZ	J201 R00J)			<u>)=-))</u>
oduct 1752 QueryReply uery Lists Add Query List ChinaRoHS-0508 T EURoHS-0508 REACH-1210 Ouery List EURoHS-0508 Product(s) meets EURoHS requirement without any exemptions - Product(s) meets EURoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exemp. - Product(s) meets Product(s) meets - Product(s) does not meet EU RoHS requirements by application of the selected exemption(s) - - Product(s) is obsolete, no information is available False - Product(s) is unknown, no information is available Select the proper Statement - Product(s) is unknown, no information is available Select True to the Statement						highlight this Pro	duct in Product
Add Query List	roduct 1752 Query/F	Reply					
Add Query List ChimaRoHS-0508 ChimaRoHS-0508 BERCH-1210 Ouery List Delete Query List Ouery List Delete Query List Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exemp. Product(s) meets EU RoHS requirements way be elected exemption(s) Product(s) does not meet EU RoHS requirements and is not under exemption(s) Product(s) is obsolete, no information is available Product(s) is obsolete, no information is available Select the proper Select True to the Statement Exemption List Version	uery Lists						
EURoHS-0508 REACH-1210 Ouery List Statement - Product(s) meets EU RoHS requirements without any exemptions Response - Product(s) meets EU RoHS requirements by application of the selected exemption(s) - - Product(s) does not meet EU RoHS requirements and is not under exemptions - - Product(s) is obsolete, no information is available - - Product(s) is unknown, no information is available - - Product(s) is unknown, no information is available Select the proper - Statement Select True to the Statement - emption List Version -			Add Query List	ChinaRoHS-0508	-		
Ouery List EURoHS:0508 Delete Query List Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exemp. Product(s) meets EU RoHS requirements and is not under exemption(s) Product(s) does not meet EU ROHS requirements and is not under exemptions Product(s) is obsolete, no information is available Product(s) is unknown, no information is available Product(s) is unknown, no information is available Select True to the Statement Select True to the Statement Exemption List Version Close 	EURoHS-0508 REA	CH-1210					
Statement Statement without any exemptions Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exemp. Product(s) meets EU RoHS requirements and is not under exemption(s) Product(s) does not meet EU RoHS requirements and is not under exemptions Product(s) is obsolete, no information is available Product(s) is unknown, no information is available Select the proper Statement Select True to the Statement Close		Query List EURoH	S-0508	Dele	te Query List		
- Product(s) meets EU RoHS requirements without any exemptions - Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b' exempl Product(s) does not meet EU ROHS requirements and is not under exemption(s) - Product(s) does not meet EU ROHS requirements and is not under exemptions - Product(s) is obsolete, no information is available - Product(s) is unknown, no information is exemption - Select the proper Select True to the Statement - Exemption - Exemption - Close - C			Statement			Re	sponse
- Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder 7b ² exemp Product(s) meets EU RoHS requirements by application of the selected exemption(s) - Product(s) is obsolete, no information is available - Product(s) is unknown, no inf	- Product(s) meets EU	RoHS requierement without an	iy exemptions				
- Product(s) meets EU ROH's requirements and is not under exemption(s) - Product(s) is obsolete, no information is available - Product(s) is unknown, no information is available - Product(s) is unknown, no information is available - Select the proper Select True to the Statement - Exemption - Exemption - Close	 Product(s) meets EU 	RoHS requirements except lea	d in solder and this usag	e may qualify under the	lead in solder '7b'	exemp	
- Product(s) does not meet EU ROH's requirements and is not under exemptions - Product(s) is obsolete, no information is available - Product(s) is unknown, no information is available - Product(s) is unknown, no information is available - Select the proper Statement - Select True to the Statement - - - Close - - - - - - - - - - - - -	- Product(s) meets EU	RoHS requirements by applica	tion of the selected exem	ption(s)			
- Product(s) is obsolete, no information is available - Product(s) is unknown, no information is available Select the proper Select True to the Statement true temption List Version Close	 Product(s) does not r 	neet EU RoHS requirements ar	nd is not under exemption	1S			
Product(s) is unknown, no information is available Select the proper Select True to the Statement remption List Version	 Product(s) is obsolet 	e, no information is available				false	
Select the proper Statement Select True to the Statement	 Product(s) is unknow 	m, no information is available				true	
Select True to the Statement Select True to the Statement Close							
temption List Version Exemption Close		4	Select the proper		Select True to	N. A.	true
cemption List Version Exemption Close			Statement		the Statement		
Exemption	cemption List Version]				
Close			F	vemption			
Close	-						
Close	et al.						
Close							
Close							
Close							
Close							
			Cl	ose			

Begin by selecting the proper Statement and set the response under this statement to "True" In **EUROHS** tab:

Do not select "5 – Product(s) is obsolete, no information is available" or "6 – Product(s) is unknown, no information is available", otherwise the system will reject the submission with an "item is obsolete" or "item is unknown" error. If this item is confirmed as obsolete or unknown, please contact the ARRIS EDM or relevant engineering team.

NOTE: If the RoHS and REACH queries do not appear as shown you may add these using the ADD QUERY LIST button.

Select the proper Exemption based on the selected statement in EURoHS-0508:

• In Exemption List Version, select "EL-2006/690/EC" from the drop down list.

Ex	em	ption List Version	-	•
+	-			
+	-		EL-2006/690/EC	
			1.0	

• Click on "Yes" to save the selected exemption version value:





- Select the proper exemption based on the selected statement in EURoHS-0508.
- Click on "+" to add multiple exemptions or "-" to delete improper exemptions.
- Click on "Close" to save enters.

	Add Query Lis	ChinaRoHS-0508		
EURoHS-0508 REACH-1210				
	Query List REACH-1210		Delete Query List	
+ - Due due téch de se unet constain l	Sta	tement		Response
 I= I=roduct(s) does not contain i 	REACH Substances Of Very High Concer	n above the limits per th	e demnition within REACH	Irue
xemption List Version EL-2	006/690/EC 💌			
+ -		Exemption		
 6c - Lead as an alloying elem 	ent in copper containing up to 4% lead b	oy weight.		
E. Lond in place of eatheds				
6a - Lead in glass of catriode	nent in steel containing up to 0.35% lead	luorescent tubes. I by weight.		
6b - Lead as an alloying ele	nent in aluminum containing up to 0.4%	lead by weight.		
6c - Lead as an alloying eler	nent in copper containing up to 4% lead	by weight.		
7a - Lead in high melting ten	nperature type solders (i.e. lead based s	solder alloys containing	85% by weight or more lead).
7b - Lead in solders for serv	ers, storage and storage array system:	s, network infrastructu	e equipment for switching,	signalling, transmission as well :
8 - Cadmium and its compo	nic parts (e.g. piezoelectronic devices). inds in electrical contacts and cadmium	n plating except for app	lications banned under Dire	ctive 91/338/FEC amending Direc
		Close		

Once all the exemptions have been added, follow the steps described below:

In **REACH-1210** tab, select the proper statement and set the Response to True if your product does not contain REACH SVHC's over 0.1% by weight of the product.

If your product contains REACH SVHC's greater than 0.1% by weight the product set the response to False.

🕌 Product: (MfrItemName=""MfrItemNu	umber="LE LEM2520T	R68J")		<u>_ 🗆 X</u>
			highlight this Produ	ct in Product Tree
Product 1752 Query/Reply				
Query Lists				
	Add Query List ChinaR	oHS-0508		
EURoHS-0508 REACH-1210				
Query List REACH-	1210	Delete Query List		
+ -	Statement			Response
+ - Product(s) does not contain REACH Substances O	f Very High Concern above the li	mits per the definition within REACH		true 💌
			I	false true



Completing the Scriba Tool Process

Merging files and creating a multiple product declaration

While it is possible to merge other Product files or add Products to the declaration in Scriba creating a single file containing multiple products it is not recommended by ARRIS. A single minor error in any one of the product declarations will result in a rejection of the entire file and delay processing of other correct Product data. In addition the receiving email box will process all files attached to a single email conforming to the ARRIS IPC XML naming convention noted above. A separate email for each submission is not required.

Saving a file in process

It is always advisable to save work periodically to prevent data loss in the event of computer or software error. From the main Scriba window select the Menu|File and click Save document. The Save file window appears and allows navigation to a particular folder and renaming the file if desired.

Opening an existing file

Opening an existing file follows the same procedure as opening an IPC 1752A XML Header file.

Final Error Check

- The ARRIS environmental data system will automatically reject any declaration that fails to meet the following rules. It is strongly recommended that theses checks are made prior to submission to avoid delays in processing.
- The Supplier name, Supplier ID, Supplier Part number, ARRIS Part number must match exactly what is in the system. These fields are pre-populated in the request XML file and should not be changed. If errors are found in any of these fields please contact ARRIS to correct and a new request will be sent.

Validating the XML File

After all the required fields and material data have been entered and checked for data and naming errors, the file can be checked for errors in the XML format of the data. This is a simple validation of the file for conformity to the IPC 1752A XML standard and does not perform any other checks. Errors reported during validation should be corrected prior to signing and submitting the declaration. Errors reported by the ARRIS environmental data management system during the initial loading are more specific and related to the data in the form, not the formatting of the XML file. A description of the ARRIS system errors and resolution guidance is also contained in the Scriba application folder.

Name	Date modified	Type	Size
Hame	Dute mouned	- Jpc	SILC
ExemptionLists	09/13/2013 02:52 PM	File folder	
\mu lib	09/13/2013 02:52 PM	File folder	
🌗 MaterialGroupLists	09/13/2013 02:52 PM	File folder	
퉬 MaterialList	09/13/2013 02:52 PM	File folder	
🐌 MaterialSummaryLists	09/13/2013 02:52 PM	File folder	
🐌 RohsLists	09/13/2013 02:52 PM	File folder	
.keystore	09/05/2012 11:18 AM	KEYSTORE File	10 KB
ARRIS Exemptions.xls	09/13/2013 02:54 PM	Microsoft Office Excel 97-2003 Worksheet	37 KB
🛋 ARRIS Scriba tool.jar	02/20/2014 02:36 PM	Executable Jar File	655 KB
ARRIS WPA System Error Guide.xls	09/13/2013 02:54 PM	Microsoft Office Excel 97-2003 Worksheet	58 KB
README.TXT	09/05/2012 11:18 AM	Text Document	2 KB
📄 Scriba.log	02/26/2014 09:40 AM	Text Document	0 KB
🛅 tmp.xml	02/20/2014 02:44 PM	XML Document	2,407 KB
valid.xml	02/20/2014 02:43 PM	XML Document	187 KB
xmldsig-core-schema.xsd	09/05/2012 11:18 AM	XSD File	10 KB



To validate the file click **File** from the menu of the main Scriba window and select **Validate**.

🕌 Scriba				
File Signature Pr	File Signature Preferences Help			
Reset document	Product & SubProduct Information	Additional Data Requests		
Open document	ts the Products and SubProducts structure.			
Save document				
Validate	each node			
Print	te node			
Exit				
SubProduct: (MfritemName="10k chip resistor"MfritemNumber="ERJ3EKF16R2V")				
SubProduct: (MfritemName="res2")				

If the file passes the validation a message box is displayed indicating success. *Click OK to continue*.



If the file does not pass the validation, a message box will appear showing the various errors found during validation. Click **OK** to continue and correct the errors before trying again.

Messag	e	X
i	* Attribute 'date' must appear on element Response'. * Invalid content was found starting with element 'SupplyCompany'. One of '("http://webstds.ipc.org/175x/2.0"Authorizer)' is expected.	
	ОК	



Generate the XML File

After performing a Class A non-homogeneous material declaration and Validating the XML File, follow the next steps to generate the IPC1752A Class A non-homogeneous XML File:

- Go to File>Save document.
- Enter the file name for the declaration (File Name: 1752 ARRISPN SupplierName SupplierID).
- Select the location you want to save the file at.
- Click "Save".

Scriba File Signature Pr Reset document	Save In: Downloads
Save document	Name Size Item type Date modifi 594214-001-00.xml 2.41 KB XML Document 02/11/2014 RoHS YesNo.xml 1.37 KB XML Document 02/07/2014 1752A_594663-00 4.21 KB XML Document 02/06/2014 1330583.xml 2.30 KB XML Document 02/06/2014 1752A_HOME_587 7.58 KB XML Document 02/06/2014 593334-001-00.xml 2.32 KB XML Document 02/05/2014 1752A_HOME_587 5.75 KB XML Document 02/05/2014 1752A_HOME_587 5.75 KB XML Document 02/05/2014 1752A_HOME_587 5.75 KB XML Document 01/16/2014 RC3134504-01BR (32.2 KB XML Document 01/16/2014 File Name: 1752 ARRISPN SupplierName SupplierID.xml Files of Type: XML files *.xml

- File names that do not contain "1752" will be ignored by the system.
- If supporting documentation is being sent (reports, MSDS, IP forms, etc.) please add "Supportingdocs" to the end of the filename. This will allow ARRIS to quickly find the supporting information associated with this part.

A message box confirming success will be displayed. *Click OK to continue*.

INFORM	IATION	—
i	File successfully saved	
	ОК	

The IPC 1752A declaration is now complete.



Submit the declaration and supporting documents

After the successful completion of an IPC XML declaration, please email the declaration to the automated processing email address: <u>Env.Comply@arrisi.com</u>.

If supporting documents are required (for > 10% undeclared materials, reports, MSDS's etc.) or for general correspondence, please email these to the EDM you normally correspond with or if unsure use email address: <u>EnvInformation@arrisi.com</u>.

To avoid delays in the file processing, include Document_Mfg name_ARRIS item number in the email subject when sending supporting documents.



Only valid XML declarations or zipped declarations will be processed by the WPAsubmittal email box. All other files will be ignored. Please be sure to use the appropriate mail addresses.