

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 [here](#) 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 <http://java.com/download/>.

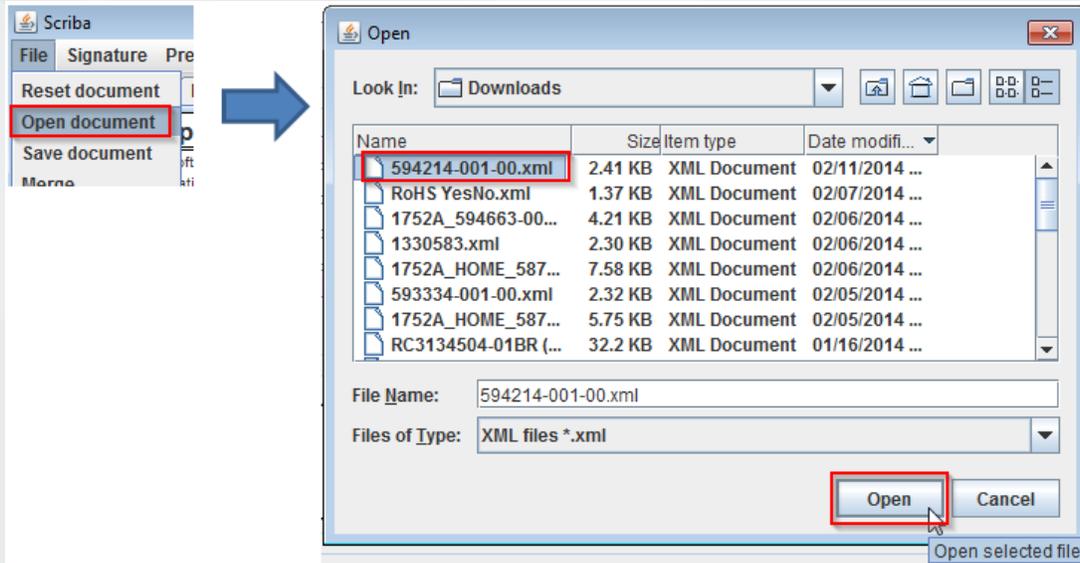
Using WinZip or an equivalent application; extract the files into a suitable folder making sure to retain the folder structure of the zipped files.

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

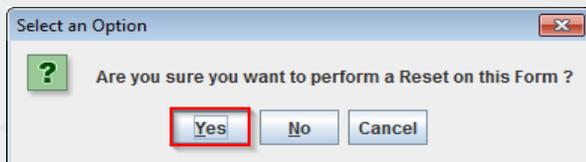
Name	Date modified	Type	Size
ExemptionLists	09/13/2013 02:52 PM	File folder	
lib	09/13/2013 02:52 PM	File folder	
MaterialGroupLists	09/13/2013 02:52 PM	File folder	
MaterialList	09/13/2013 02:52 PM	File folder	
MaterialSummaryLists	09/13/2013 02:52 PM	File folder	
RohsLists	09/13/2013 02:52 PM	File 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

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":

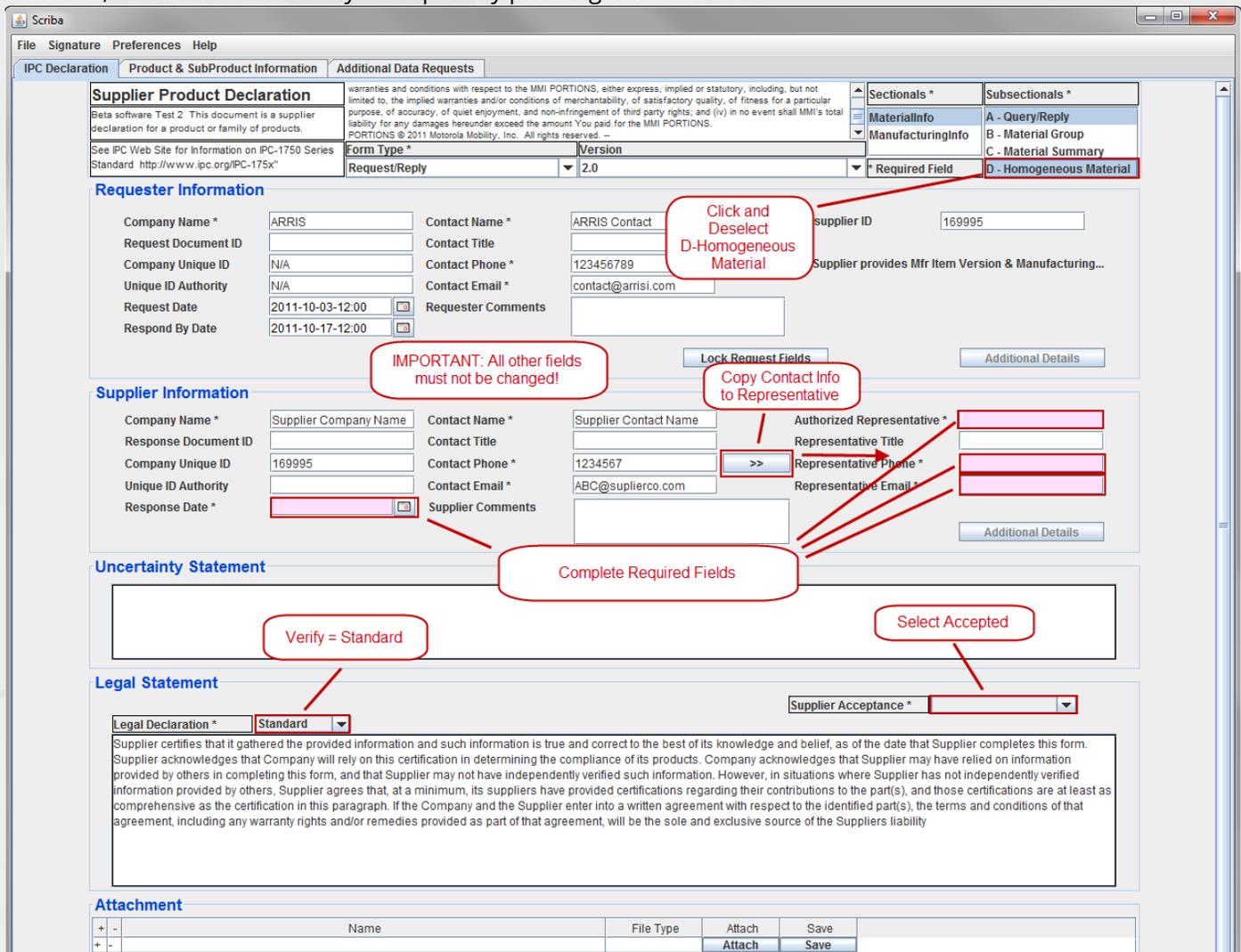


Then click "Yes" at the prompt to reset the Scriba form.



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.



The screenshot shows the Scriba application interface with the following sections and annotations:

- Supplier Product Declaration:** Includes a text area with legal disclaimers and a table of Sectionals and Subsectionals. The 'Required Field' dropdown is set to 'D - Homogeneous Material'.
- Requester Information:** Fields for Company Name (ARRIS), Contact Name (ARRIS Contact), and Supplier ID (169995). A red callout says 'Click and Deselect D-Homogeneous Material' pointing to the Required Field dropdown.
- Supplier Information:** Fields for Supplier Company Name, Contact Name, and Authorized Representative. A red callout says 'IMPORTANT: All other fields must not be changed!' pointing to the Supplier Company Name field. Another red callout says 'Copy Contact Info to Representative' pointing to the '>>' button.
- Uncertainty Statement:** A large text area with a red callout saying 'Complete Required Fields' pointing to the text area. A red callout says 'Verify = Standard' pointing to the 'Standard' dropdown. Another red callout says 'Select Accepted' pointing to the 'Supplier Acceptance' dropdown.
- Legal Statement:** A text area with a red callout saying 'Complete Required Fields' pointing to the text area. A red callout says 'Select Accepted' pointing to the 'Supplier Acceptance' dropdown.
- Attachment:** A table with columns for Name, File Type, Attach, and 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.

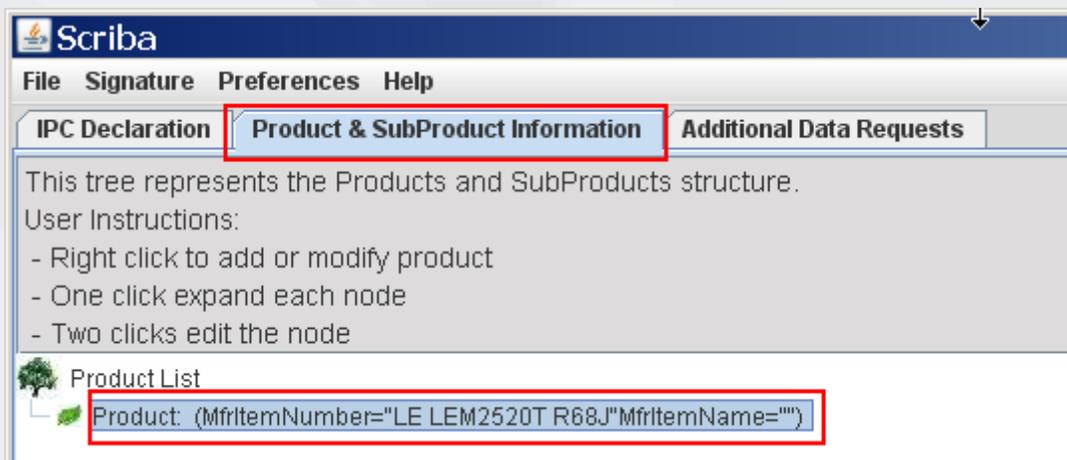
The Uncertainty Statement and Attachment sections are not used at this time.

Populate Class A non-homogeneous material declaration

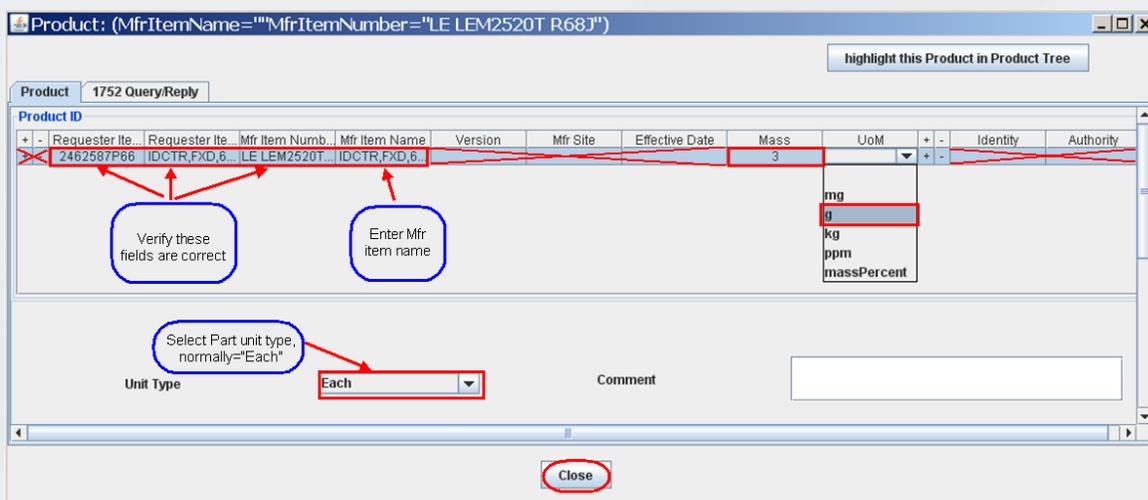
From the main Scriba window, after open IPC 1752 XML Header, in Subsectionals only select "A-Query/Reply":

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



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

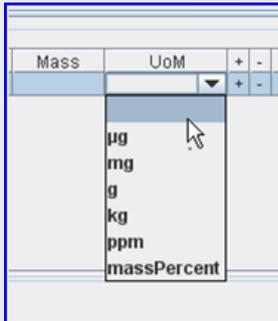


- Requester Item Number - ARRIS item number. This will be included in the request XML header file and should be verified.

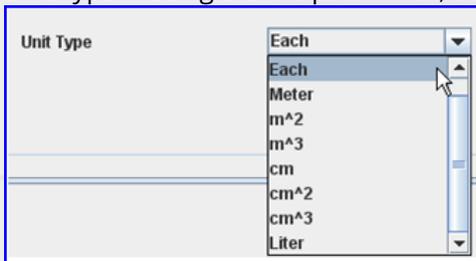
- Requester Item Name - ARRIS item description. This will be included in the request XML header file.
- Mfr Item Number - Supplier part number. This will be included in the request XML header file and should be verified.
- Mfr Item Name - Enter a supplier part name or description.
- Mass - Enter the 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.



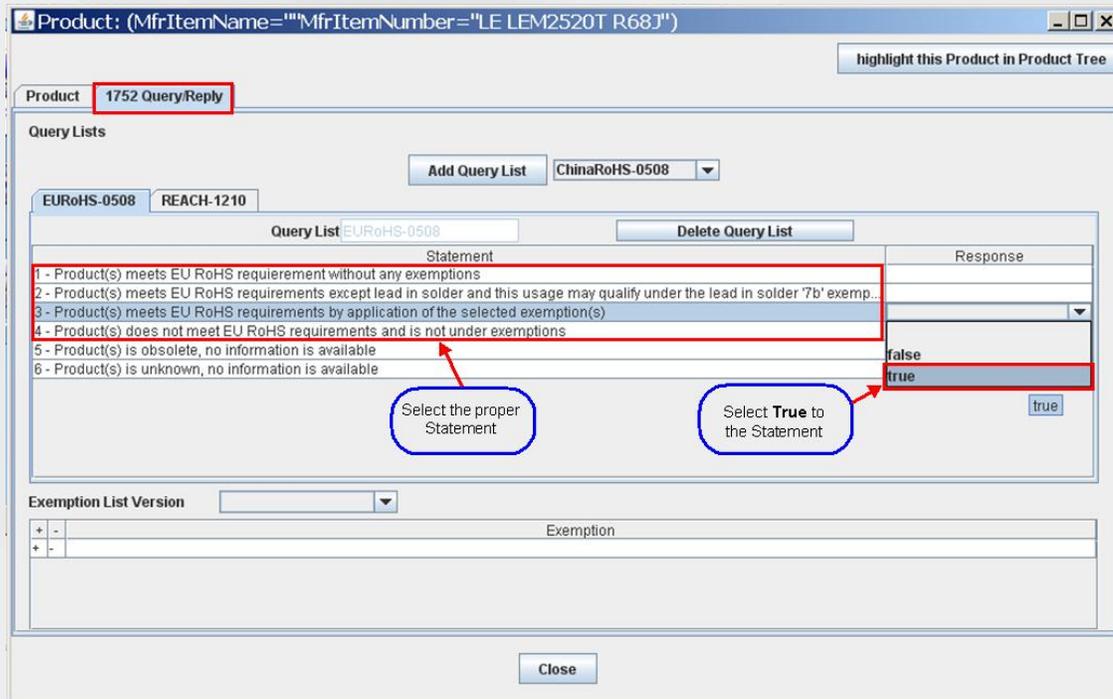
- Unit Type - Using the dropdown list, select the unit type for the mass amount. Generally this should be **Each**



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.

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



Product: (MfrItemName=""MfrItemNumber="LE LEM2520T R68J")

Product **1752 Query/Reply**

Query Lists

Add Query List ChinaRoHS-0508

EUroHS-0508 REACH-1210

Query List EUroHS-0508 Delete Query List

Statement	Response
1 - Product(s) meets EU RoHS requirement without any exemptions	
2 - Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder '7b' exemp...	
3 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)	
4 - Product(s) does not meet EU RoHS requirements and is not under exemptions	true
5 - Product(s) is obsolete, no information is available	false
6 - Product(s) is unknown, no information is available	true

Exemption List Version

+	-	Exemption
+	-	
+	-	

Close

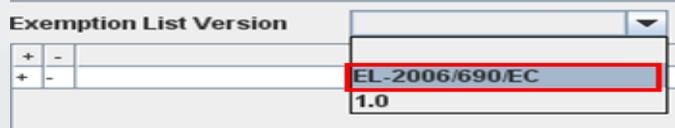


Do not select "5 - Product(s) is obsolete, no information is available" or "6 - Product(s) is unknown, no information is available", otherwise the system will reject the submission with an "item is obsolete" or "item is unknown" error. If this item is confirmed as obsolete or unknown, please contact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



Exemption List Version

+	-	Exemption
+	-	EL-2006/690/EC
+	-	1.0

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

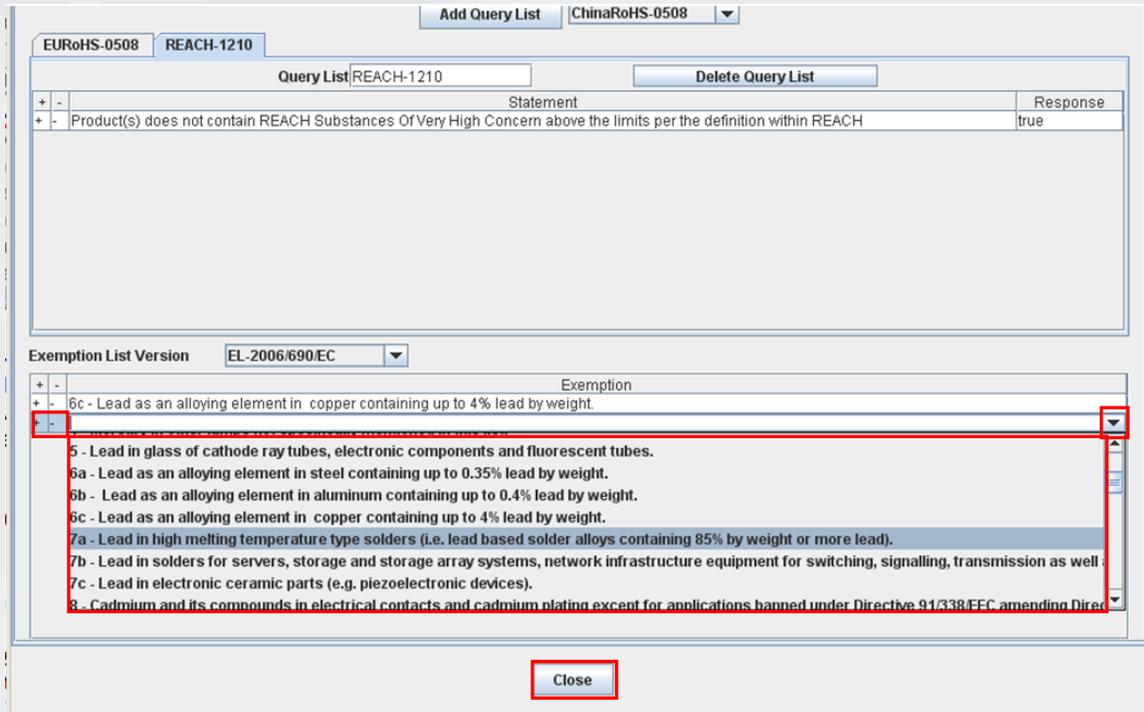


Select an Option

Do you really want to change the Exemption version value?

Yes No Cancel

- 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.



EURoHS-0508 REACH-1210

Query List REACH-1210 Delete Query List

+ -	Statement	Response
+ -	Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH	true

Exemption List Version EL-2006/690/EC

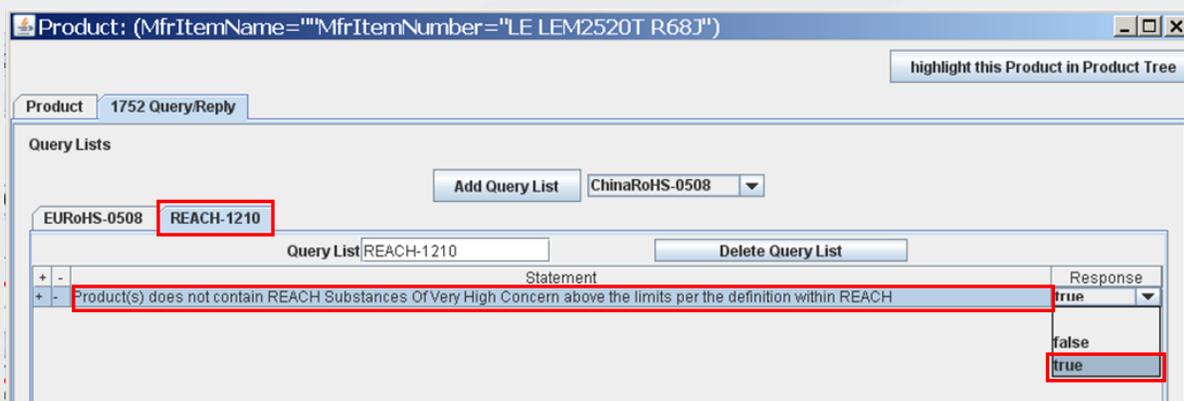
+ -	Exemption
+ -	6c - Lead as an alloying element in copper containing up to 4% lead by weight.
-	5 - Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.
-	6a - Lead as an alloying element in steel containing up to 0.35% lead by weight.
-	6b - Lead as an alloying element in aluminum containing up to 0.4% lead by weight.
-	6c - Lead as an alloying element in copper containing up to 4% lead by weight.
-	7a - Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).
-	7b - Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well.
-	7c - Lead in electronic ceramic parts (e.g. piezoelectric devices).
-	8 - Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC 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=""MfrItemNumber="LE LEM2520T R68J")

highlight this Product in Product Tree

Product 1752 Query/Reply

Query Lists

Add Query List ChinaRoHS-0508

EURoHS-0508 REACH-1210

Query List REACH-1210 Delete Query List

+ -	Statement	Response
+ -	Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH	true

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

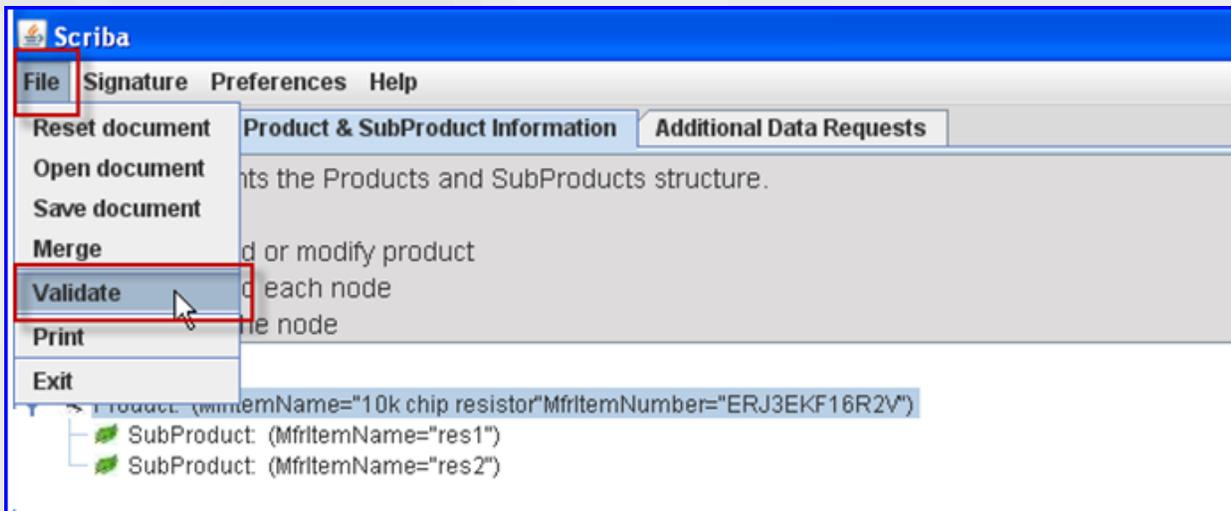
- The ARRIS environmental data system will automatically reject any declaration that fails to meet the following rules. It is strongly recommended that these checks are made prior to submission to avoid delays in processing.
- The Supplier name, Supplier ID, Supplier Part number, ARRIS Part number must 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

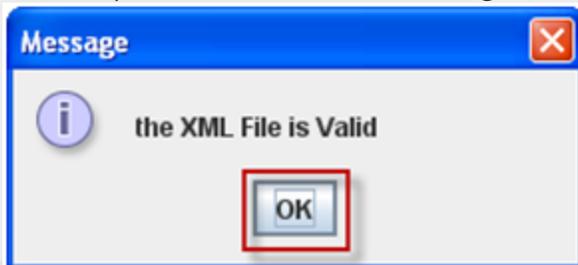
After all the required fields and material data have been entered and checked for data and naming errors, the file can be checked for errors in the XML format of the data. This is a simple validation of the file for conformity to the IPC 1752A XML standard and does not perform any other checks. Errors 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
ExemptionLists	09/13/2013 02:52 PM	File folder	
lib	09/13/2013 02:52 PM	File folder	
MaterialGroupLists	09/13/2013 02:52 PM	File folder	
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

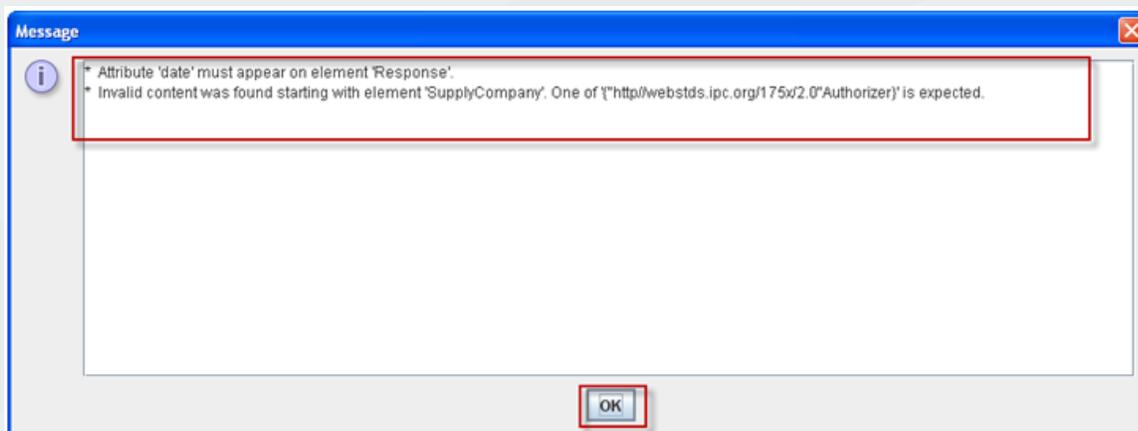
To validate the file click **File** from the menu of the main Scriba window and select **Validate**.



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



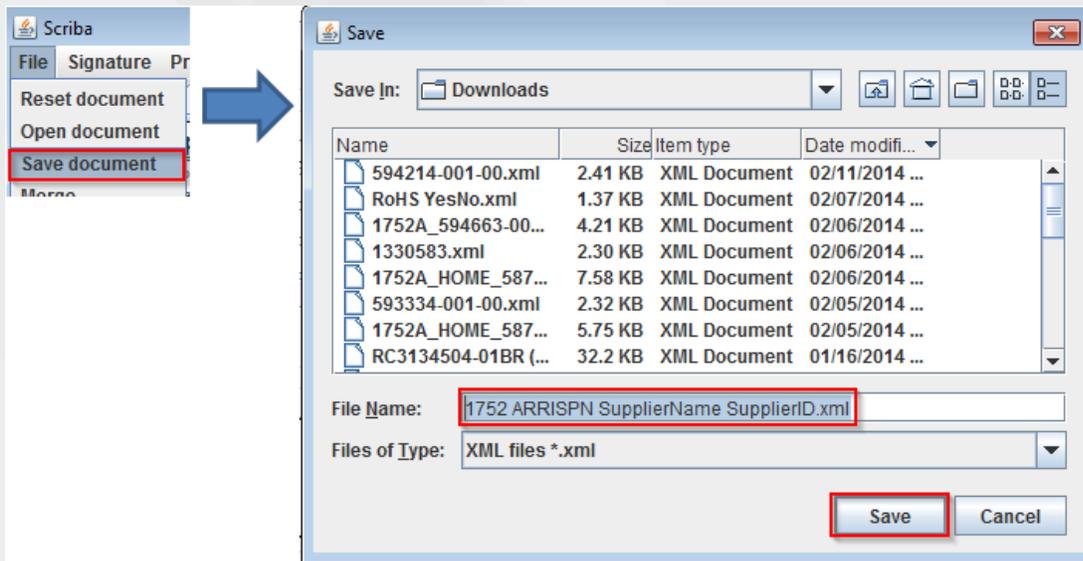
If the file does not pass the validation, a message box will appear showing the various errors found during validation. Click **OK** to continue and correct the errors before trying again.



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".



- 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.*



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: Env.Comply@arrisi.com.

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: EnvInformation@arrisi.com.

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.