



SUPPLIER USER GUIDE

IPC-1752 CLASS 3 AND 4

OVERVIEW

› Audience

- This user guide is for suppliers submitting material declarations to **material.declaration@ericsson.com**.

› Purpose

- This user guide explains the steps involved in making and submitting an IPC 1752 class 3 or 4 declaration to Ericsson.

› Requests

- Requests are sent to the supplier in IPC-1752 xml format via E-mail
- IPC 1752 is THE international standard for the exchange of materials declaration data, and has been developed by a group of OEMs, EMS providers, component manufacturers, etc. For more information see <http://www.ipc.org/ipc-175x>

› Applicability

- IPC-1752 Class 3 or 4 declaration may be used for e.g. black box products when a Class 6 declaration cannot be provided.

› Restrictions

- Class 3 or 4 declarations must be updated every time the REACH SVHC (A) list is updated (normally every 6 months). In this case Ericsson will send out new requests.

USE THE CORRECT IPC FORM

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environmental issues, ensuring that they meet the standards we expect.

Our S-CoC Program is implemented globally. This means that all our Regions and Business Units have trained auditors, as well as procedures in place for assessing critical suppliers and for planning, conducting and following up S-CoC audits and on-site assessments. Naturally, following up the results to ensure continuous improvements is a critical part of the sustainable sourcing process.

The audit and assessment results vary widely, but are generally positive. There is however always room for improvement. Our audits and assessments have identified a number of key improvement areas: environmental management (many suppliers have an environmental management system in place, while others have more work to do); the proper use of personal protective equipment; and the suppliers' communication of S-CoC requirements to their own suppliers.

Our online S-CoC training is expected to help our suppliers not only improve their own performance but also to better communicate the message to their own suppliers. The training spells out our standards in:

- Employee conditions (including forced and child labor)
- Health and safety
- Supply chain compliance
- Environmental management
- Elimination of discrimination
- Anti-corruption.

[The Ericsson Code of Conduct](#)


Sourcing conditions and guidelines

- [General Purchasing Conditions \(GPC\)](#)
- [General Conditions for Services \(GCS\)](#)
- [General Conditions for Software Licensing](#)
- [Supplier Environmental Requirements](#)
- [The Ericsson List of Banned and Restricted Substances](#)
- [Supplier guide to Material Declarations](#)
- [Compliance with REACH regulation – supplier actions expected](#)
- [Material Composition Declaration – IPC-1752-1 v1.1a](#)
- [Material Composition Declaration – IPC-1752-2 v1.1a](#)

1. Please use file **IPC-1752-1_v1.1a.pdf** for Class 3 and 4 declarations. It can be downloaded from:
<http://www.ericsson.com/sourcing>

E-MAIL REQUEST FROM ERICSSON

Subject: Request for Material Declaration of Parts to [ERACROSS]

Attachments:  0_IPC_2010-12-16_13-08-08.zip (3 KB)

Attachment in XML-format

> *****
> This is system generated message. Please do not reply.
> *****

> REQUEST SUBMITTED Ericsson AB

> ARNE HYPPÖNEN,

> Material Content declarations are requested for specific parts that you supply to Ericsson.

> Request Type: IPC-1752-1_CLASS4

> Attached to this email are new requests for Material Declarations in IPC-1752 format.
> Please complete the requests and send the results back to <mailto:material.declaration@ericsson.com>
> following the detailed instructions available in the link below in this mail.
> For more efficient handling, please also reply to the cc address in this mail.

Parts for which declarations are requested

> The completed responses to this request are due no later than 2010-12-30.

> The parts requested in this email include:
> OBLYADE
> RYT 119 6999


> Additional Comments
> Comments: Text to the supplier here

Additional information from Ericsson (optional)

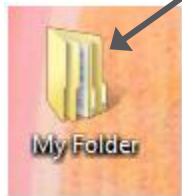
> *****
> Please find more information in links on the right side of the Ericsson web page:
> http://www.ericsson.com/thecompany/sustainability_corporateresponsibility/conducting_business_responsibly/sustainable_sourcing

EXTRACTING REQUEST INFORMATION



Subject: Request for Material Declaration of Parts to [ERACROSS]

Attachments:  0_IPC_2010-12-16_13-08-08.zip (3 KB)

1. Drag or save the ZIP-file to a folder and extract the XML-file(s).




Sub-folder containing the extracted XML-files

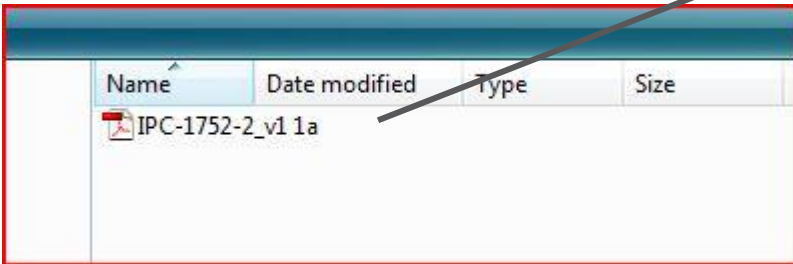
Name	Date modified	Type	S
 0_IPC_2010-12-16_13-08-08	2010-12-16 13:27	File Folder	
 0_IPC_2010-12-16_13-08-08.zip	2010-12-16 13:21	Compressed (zipp...	

2. Double-click on the sub-folder

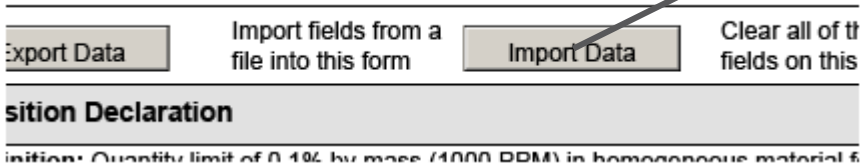
File containing request header information

Name
 DOCTYPE_IPC_FORM1_CLASS4_ERACROSSROSSROSS_OBLYADE_RYT.119.6999_ARNE.HYPPONEN@ERICSSON.COM_2010-12-16_13-08-008.xml

IMPORTING HEADER DATA 1



1. Open the file IPC-1752-1_v1.1a.pdf.

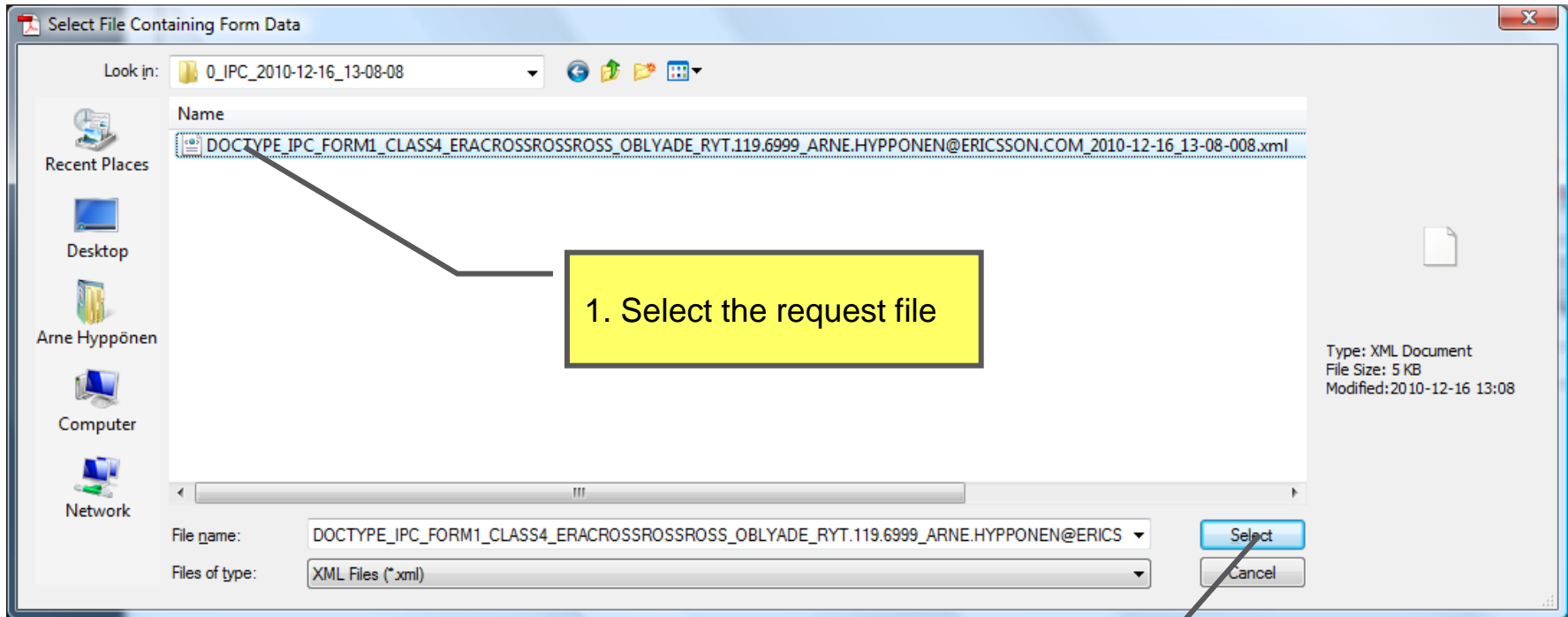


2. Go to Page 2 and click on the button < Import Data >

Reminder: Please use file **IPC-1752-1_v1.1a.pdf** for Class 3 and 4 declarations. It can be downloaded from <http://www.ericsson.com/sourcing>



IMPORTING HEADER DATA 2



1. Select the request file

2. Click the <Select> button

HEADER DATA IMPORTED FROM ERICSSON REQUEST FILE

Information framed in red is completed automatically from the Ericsson request file. **Please do not change****

- > Requester Information
- > Declaration Class
- > Company Name
- > Request Date*
- > Contact Name
- > Contact Title
- > Contact Phone *
- > Contact Email
- > My supplier ID
- > Item Number *
- > Item Name
- > Mfr Item Number *
- > Supplier Information
- > Company Name *
- > Company Unique ID
- > Contact
- > Name
- > Contact Title
- > Phone - Contact
- > Email - Contact
- > Requester Item Number *
- > Mfr Item Number *

Material Composition Declaration <small>© Copyright 2005, IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.</small>		<small>This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.</small> Adobe Reader version 7.0.5 is required to complete this declaration.					
1752-1 1.1 <small>IPC Web Site for Information on IPC-1752 Standard</small> http://www.ipc.org/IPC-175x		Form Type * Request/Reply		Declaration Class * Class 4 - RoHS Yes/No, JIG Format Substances, Mfg Info			
Requester Information Lock Requester Fields							
Company Name * Ericsson		Company Unique ID Unique ID Authority		Request Date * 2010-12-16		Request Document ID Respond By Date 2010-12-30	
Contact Name * ARNE HYPPOÑEN		Contact Title Contact Phone * +46 10 719 00 00		Contact Email * arne.hypponen@ericsson.com		Requester Comments or URL for Additional Information	
My supplier ID ROSS		The File Type and Destination fields control how the form is submitted by the supplier. Consult your IT staff for configuration.			File Type Destination - URL or Email Address mailto:material.declaration@ericsson.com	<input type="checkbox"/> Supplier provides Mfr Item Version & Manufacturing Site.	
Item Number * RYT 119 6999	Item Name AAAAAA BBB CCCKDD EEE	Mfr Item Number * OBLYADE	Mfr Item Name	Mfr Item Version	Manufacturing Site		
Supplier Information							
Company Name * ERACROSS		Company Unique ID ROSS		Response Date *		Response Document ID	
Contact Name Your name		Title - Contact Phone - Contact * +46107170687		Email - Contact * Your name@domain		<input type="button" value="Duplicate Contact -> Authorized Representative"/>	
Authorized Representative *		Title - Representative Phone - Representative *		Email - Representative *		Supplier Comments or URL for Additional Information	
Requester Item Number RYT 119 6999	Mfr Item Number OBLYADE	Mfr Item Name	Effective Date	Version	Manufacturing Site	Weight * mg	
Alternate Recommendation	Alternate Item Comments	Unit Type Each					
Manufacturing Process Information							
Terminal Plating / Grid Array Material		Terminal Base Alloy	J-STD-020 MSL Rating	Peak Process Body Temperature C	Max Time at Peak Temperature seconds	Number of Reflow Cycles	
Comments							

Note: Manufacturing process info is only visible for Class 4 declarations and should only be filled in for soldered components

**Changing this information will result in automatic rejection of submitted declarations.

ENTERING AUTHORIZED REPRESENTATIVE INFORMATION



> Information required in the fields framed in red must be completed by the supplier

> “Authorized Representative” is the supplier representative responsible for approving the declaration.

> Can be the same as the contact name.

Material Composition Declaration <small>© Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.</small>		<small>This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.</small> <small>Adobe Reader version 7.0.5 is required to complete this declaration.</small>					
1752-1 1.1	IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x	Form Type * Request/Reply	Declaration Class * Class 4 - RoHS Yes/No, JIG Format Substances, Mfg Info				
Requester Information Lock Requester Fields							
Company Name * Ericsson	Company Unique ID	Unique ID Authority	Request Date 2010-12-16				
Contact Name * ARNE HYPPOENEN	Contact Title	Contact Phone * +46 10 719 00 00	Contact Email arne.hyppe				
My supplier ID ROSS	The File Type and Destination fields control how the form is submitted by the supplier. Consult your IT staff for configuration.		File Type	Destination - URL or Email Address mailto:material.declaration@ericsson	Supplier provides Mfr Item Version & Manufacturing Site. <input type="checkbox"/>		
Item Number * RYT 119 6999	Item Name AAAAAA BBB CCKDD EEF	Mfr Item Number * OBLYADE	Mfr Item Name	Mfr Item Version	Manufacturing Site		
Supplier Information							
Company Name * ERACROSS	Company Unique ID ROSS	Unique ID Authority	Response Date *	Response Document ID			
Contact Name * Your name	Title - Contact	Phone - Contact * +46107170687	Email - Contact * Your name@domain	Duplicate Contact -> Authorized Representative			
Authorized Representative *	Title - Representative	Phone - Representative *	Email - Representative *	Supplier Comments or URL for Additional Information			
Requester Item Number RYT 119 6999	Mfr Item Number OBLYADE	Mfr Item Name	Effective Date	Version	Manufacturing Site	Weight * mg	
Alternate Recommendation		Alternate Item Comments					
Manufacturing Process Information							
Terminal Plating / Grid Array Material	Terminal Base Allow	J-STD-020 MSL Rating	Peak Process Body Temperature C	Max Time at Peak Temperature seconds	Number of Reflow Cycles		

1. Enter supplier contact person details (fields marked * are mandatory)

2. If Authorized Representative is the same as Contact Person, click on:
<Duplicate Contact -> Authorized Representative>

ENTERING PRODUCT WEIGHT INFORMATION

> Information required in fields framed in red must be completed by the supplier

- > Requester Information
- > Declaration Class
- > Company Name
- > Request Date*
- > Contact Name
- > Contact Title
- > Contact Phone *
- > Contact Email
- > My supplier ID
- > Item Number *
- > Item Name
- > Mfr Item Number *
- > Supplier Information
- > Company Name *
- > Company Unique ID
- > Contact Name
- > Contact Title
- > Phone - Contact
- > Email - Contact
- > Requester Item Number *
- > Mfr Item Number *

Material Composition Declaration <small>© Copyright 2005, IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.</small>		<small>This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.</small> Adobe Reader version 7.0.5 is required to complete this declaration.			
1752-1 1.1 <small>IPC Web Site for Information on IPC-1752 Standard</small> http://www.ipc.org/IPC-175x		Form Type * <small>Requester Information</small>		Declaration Class * <small>Requester Information</small>	
Requester Information					
Company Name * Ericsson		Company Unique ID ROSS		Unique ID Authority ROSS	
Contact Name * ARNE HYPPOÑEN		Contact Title My supplier ID		Contact Phone * +46 10 719 00 00	
Item Number * RYT 119 6999		Item Name AAAAAA BBB CCCKDD		Mfr Item Number * OBLYADE	
Supplier Information					
Company Name * ERACROSS		Company Unique ID ROSS		Response Date * 2010-12-31	
Contact Name * Your name		Title - Contact name@domain		- Contact * name@domain	
Authorized Representative *		Title - Representative		- Representative *	
Requester Item Number RYT 119 6999		Mfr Item Number OBLYADE		Response Date 2010-12-31	
Alternate Recommendation		Version 1.0		Manufacturing Site 123456789	
Comments		Weight * 100		UOM mg	
Alternate Item Comments		Unit Type Each		(Red box highlights: Version, Manufacturing Site, Weight, UOM, Unit Type)	
Manufacturing Process Information					
Terminal Plating / Grid Array Material		Terminal Base Alloy		J-STD-020 MSL Rating	
(Dropdown)		(Dropdown)		(Dropdown)	
Peak Process Body Temperature C		Max Time at Peak Temperature seconds		Number of Reflow Cycles (Dropdown)	

3. Select the relevant Unit Type from dropdown

2. Select a unit of measure from dropdown

1. Enter weight of product/item

ENTERING MANUFACTURING PROCESS INFORMATION - CLASS 4

- > This information is used by Ericsson factories for soldering process information.
- > Only If it is hole mounted or a module, please select **N/A** and then **Not applicable** for the terminal material.
- > Pin-in-paste is **NOT** considered to be hole mounted.

IPC		Material Composition Declaration		4. Enter Max Time at Peak Temperature	
1752-1.1		3. Enter Peak Process Body Temperature		Request/Reply	
Requester Information		Company Name		Request Date *	
Ericsson		Ericsson		2010-12-16	
Contact Name *		Contact Title		Requester Comments or URL for Additional Information	
arne.hypponen@ericsson.com		+46 10 719 00 00		mailto:material.declaration@ericsson.com	
Mfr Item Number *		Mfr Item Name		Mfr Item Version	
OBYLADE					
Supplier Information		Company Name *		Response Date *	
Ericsson		Ericsson			
Contact Name *		Phone - Contact *		Email - Contact *	
arne.hypponen@ericsson.com		+46107100687		Your name@domain	
Mfr Item Number *		Phone - Representative *		Email - Representative *	
OBYLADE					
Requester Item Number		Mfr Item Number		Mfr Item Name	
RYT 119 6999		OBYLADE			
Terminal Plating / Grid Array Material		Terminal Base Alloy		J-STD-020 MSL Rating	
N/A		Not Applicable		C	
Peak Process Body Temperature		Max Time at Peak Temperature		Number of Reflow Cycles	
C		seconds			

1. Select Terminal plating from dropdown

2. Select Terminal Base Alloy from dropdown.

3. Enter Peak Process Body Temperature

4. Enter Max Time at Peak Temperature

Terminal Plating / Grid Array Material	Terminal Base Alloy
N/A	Not Applicable

Note: Applies only to Class 4 declarations

Note: Currently only Class 4 can be loaded automatically onto the system by email

COMPLETING THE ROHS MATERIAL COMPOSITION DECLARATION

On this page you should declare RoHS compliance and any exemptions which apply to the product.

Save the fields in this form to a file	<input type="button" value="Export Data"/>	Import fields from a file into this form	<input type="button" value="Import Data"/>	Clear all of the fields on this form	<input type="button" value="Reset Form"/>	Lock the fields on this form to prevent changes	<input type="button" value="Lock Supplier Fields"/>
RoHS Material Composition Declaration							Declaration Type *
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium						Simplified Detailed EMS Custom
<div data-bbox="931 665 1394 805" style="border: 1px solid black; background-color: yellow; padding: 5px; display: inline-block;">1. Select a Declaration Type from dropdown*</div>							
RoHS Declaration *						Supplier Acceptance *	
Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.							
Declaration Signature							
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.							
					Form submission requires an Internet connection.	<input type="button" value="Submit Form"/>	

2. Select "**Accepted**" from dropdown

* Must be either "Simplified" or "Detailed"

ROHS MATERIAL COMPOSITION DECLARATION – ADDING EXEMPTIONS

Save the fields in this form to a file	<input type="button" value="Export Data"/>	Import fields from a file into this form	<input type="button" value="Import Data"/>	Clear all of the fields on this form	<input type="button" value="Reset Form"/>	Lock the fields on this form to prevent changes	<input type="button" value="Lock Supplier Fields"/>	
RoHS Material Composition Declaration							Declaration Type * <input type="button" value="Detailed"/>	
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium							
<div style="border: 2px solid black; background-color: yellow; padding: 5px; display: inline-block;"> 1. Select applicable RoHS Declaration statement from dropdown. </div>								
RoHS Declaration *	<input type="text"/>						Supplier Acceptance *	<input type="text"/>
Exemptions: If the declaration above and choose all applicable	1 - Item(s) does not contain RoHS restricted substances per the definition above 2 - Item(s) contains RoHS restricted substances above the limits per the definition above and is not under exemption 3 - Item(s) does not contain RoHS restricted substances per the definition above except for lead in solders and selected exemptions, if any 4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions 5 - Item(s) is obsolete, no information is available 6 - Item(s) is unknown, no information is available						Select the corresponding response in the RoHS Declaration	
Declaration Signature	<input type="text"/>							
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.								
Form submission requires an Internet connection.						<input type="button" value="Submit Form"/>		

- 1 - Item(s) does not contain RoHS restricted substances per the definition above
- 2 - Item(s) contains RoHS restricted substances above the limits per the definition above and is not under exemption
- 3 - Item(s) does not contain RoHS restricted substances per the definition above except for lead in solders and selected exemptions, if any
- 4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions
- 5 - Item(s) is obsolete, no information is available
- 6 - Item(s) is unknown, no information is available

ROHS MATERIAL COMPOSITION DECLARATION – ADDING EXEMPTIONS

Save the fields in this form to a file Import fields from a file into this form Clear all of the fields on this form Lock the fields on this form to prevent changes

RoHS Material Composition Declaration Declaration Type *

RoHS Directive 2002/95/EC **RoHS Definition:** Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium

1. Click on dropdown to add exemptions

RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions **Supplier Acceptance ***

Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.

Exemption List Version EL-2006/690/EC

Declaration Signature

Instructions: Complete all of the required fields on all pages of this form. Sign the declaration (if required by the Requester) and click on Submit Form to have the declaration reviewed. This will display the signature area. Digitally sign the declaration.

2. To add more rows to add further exemptions click "+"

- If needed click "-" to remove an exemption

RoHS Declaration * 4 - Item(s) does not contain RoHS restricted substances per the definition above except for selected exemptions **Supplier Acceptance ***

Exemptions: If the declared item does not contain RoHS restricted substances per the definition above and choose all applicable exemptions.

Exemption List Version EL-2006/690/EC

7a. Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).

ROHS MATERIAL COMPOSITION DECLARATION – ADDING A SIGNATURE

Save the fields in this form to a file	<input type="button" value="Export Data"/>	Import fields from a file into this form	<input type="button" value="Import Data"/>	Clear all of the fields on this form	<input type="button" value="Reset Form"/>	Lock the fields on this form to prevent changes	<input type="button" value="Lock Supplier Fields"/>
RoHS Material Composition Declaration							Declaration Type *
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium					<input type="button" value="Simplified"/> <input type="button" value="Detailed"/> <input type="button" value="EMS"/> <input type="button" value="Custom"/>	
RoHS Declaration *						Supplier Acceptance *	
<p>Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.</p>							
Declaration Signature							
<p>Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.</p>							
						Form submission requires an Internet connection.	<input type="button" value="Submit Form"/>

1. To digitally sign the form, please follow the steps in the pop ups

MATERIAL COMPOSITION DECLARATION – ADDING ERICSSON BANNED AND RESTRICTED SUBSTANCES

Before starting to complete the material composition declaration, the Ericsson specific substances must be added to the list.

1. Go to the last page in the IPC 1752-1 form
2. To add the *Ericsson Banned and Restricted Substances* list by click on **Add Other Material Composition to JIG Tab**
3. When you return to the previous page you will see that new substances have been added (see next slide)

OTHER Material Composition Declaration

Requester Instructions: The requester can optionally include additional substances that must be declared. The requester should enter additional substances as well as the threshold levels that specify

Supplier Instructions: Explicitly declare whether the item exceed the threshold level by selecting Yes defined by the requester, then the substance content must be reported in total weight and/or worst case

JIG	Category Name	Threshold Level
Other	As defined by the Requester	Defined by the Requester
Add Other Material Composition to JIG Tab		Clear Other Material Composition in JIG Tab

This section ensures that requirements in the Ericsson Banned and Restricted substances list, [2/000 21-FAU 1044 04](#) are fulfilled.

MATERIAL COMPOSITION DECLARATION – ERICSSON BANNED AND RESTRICTED SUBSTANCES

Joint Industry Guide (JIG) Material Composition Declaration for Electronic Products

Instructions: Declare whether the item substances exceed the threshold levels shown in the table and report accordingly. Where threshold levels include the words "intentionally added", substances must be declared if they are added intentionally, regardless of threshold level. For each RoHS substance, identified with dual asterisks (**), report the worst case PPM at the homogeneous material level and optionally the total weight of the substance in the item. For all remaining (non-RoHS) JIG A & B substances, and any additional substances, report the total weight and optionally the PPM at the part level for each item.

JIG	Category Name	Threshold Level	Above Threshold Level?	JIG A autofill - No		JIG B autofill - No	All autofill - No
				If yes, enter total weight and worse case PPM			Description of Use
Level	As defined in the Joint Industry Guide	Intentionally added or PPM	Yes/No	Weight	UoM	PPM	
A	Asbestos	Intentionally Added					
A	Certain Azo colorants	Intentionally Added					
A	Cadmium/Cadmium Compounds **	75 PPM or Intentionally Added					
A	Hexavalent Chromium/Hexavalent Chromium Compounds **	1000 PPM or Intentionally Added					
A	Lead/Lead Compounds **	1000 PPM or Intentionally Added					
A	Lead/Lead Compounds - PVC Cables and Wires Only **	300 PPM					
A	Mercury/Mercury Compounds **	1000 PPM or Intentionally Added					
A	Ozone Depleting Substances - Class I (CFCs, HBFCs, etc.)	Intentionally Added					
A	Ozone Depleting Substances - Class II (HCFCs)	1000 PPM					
A	Polybrominated Biphenyls (PBBs) **	1000 PPM or Intentionally Added					
A	Polybrominated Diphenylethers (PBDEs) **	1000 PPM or Intentionally Added					
A	Polychlorinated Biphenyls (PCBs)	Intentionally Added					
A	Polychlorinated Naphthalenes (> 3 chlorine atoms)	Intentionally Added					
A	Radioactive Substances	Intentionally Added					
A	Certain Shortchain Chlorinated Paraffins	Intentionally Added					
A	Tributyl Tin (TBT) and Triphenyl Tin (TPT)	Intentionally Added					
A	Tributyl Tin Oxide (TBTO)	Intentionally Added					
B	Antimony/Antimony Compounds	1000 PPM					
B	Arsenic/Arsenic Compounds						
B	Beryllium/Beryllium Compounds						
B	Bismuth/Bismuth Compounds						
B	Brominated Flame Retardants						
B	Nickel (external applications of)						
B	Certain Phthalates	1000 PPM					
B	Selenium/Selenium Compounds	1000 PPM					
B	Polyvinyl Chloride (PVC)	1000 PPM					
Other	AMINES (AZO DYES)	Intentionally Added					
Other	CHLORINATED HYDROCARBONS	Intentionally Added					
Other	CHLORINATED PARAFFINS	Intentionally Added					
Other	COBALT DICHLORIDE	Intentionally Added					

1. The list of "Other" substances should now be visible. This list continues on the next page.

Other AMINES (AZO DYES)
 Other CHLORINATED HYDROCARBONS
 Other CHLORINATED PARAFFINS
 Other COBALT DICHLORIDE

MATERIAL COMPOSITION DECLARATION – ADDING DATA 1

Joint Industry Guide (JIG) Material Composition Declaration for Electronic Products

Instructions: Declare whether the item substances exceed the threshold levels shown in the table and report accordingly. Where threshold levels include the words "intentionally added", substances must be declared if they are added intentionally, regardless of threshold level. For each RoHS substance, identified with dual asterisks (**), report the worst case PPM at the homogeneous material level and optionally the total weight of the substance in the item. For all remaining (non-RoHS) JIG A & B substances, and any additional substances, report the total weight and optionally the PPM at the part level for each item.

JIG	Category Name	Threshold Level	Above Threshold Level?	JIG A autofill - No		JIG B autofill - No	All autofill - No
				If yes, enter total weight and worse case PPM			Description of Use
Level	As defined in the Joint Industry Guide	Intentionally added or PPM	Yes/No	Weight	UoM	PPM	
A	Asbestos	Intentionally Added	No				
A	Certain Azo colorants	Intentionally Added	No				
A	Cadmium/Cadmium Compounds **	75 PPM or Intentionally Added	No				
A	Hexavalent Chromium/Hexavalent Chromium Compounds **	1000 PPM or Intentionally Added	No				
A	Lead/Lead Compounds **	1000 PPM or Intentionally Added	No				
A	Lead/Lead Compounds - PVC Cables and Wires Only **	300 PPM	No				
A	Mercury/Mercury Compounds **	1000 PPM or Intentionally Added	No				
A	Ozone Depleting Substances - Class I (CFCs, HBFCs, etc.)	Intentionally Added	No				
A	Ozone Depleting Substances - Class II (HCFCs)	1000 PPM	No				
A	Polybrominated Biphenyls (PBBs) **	1000 PPM or Intentionally Added	No				
A	Polybrominated Diphenylethers (PBDEs) **	1000 PPM or Intentionally Added	No				
A	Polychlorinated Biphenyls (PCBs)	Intentionally Added	No				
A	Polychlorinated Naphthalenes (> 3 chlorine atoms)	Intentionally Added	No				
A	Radioactive Substances	Intentionally Added	No				
A	Certain Shortchain Chlorinated Paraffins	Intentionally Added	No				
A	Tributyl Tin (TBT) and Triphenyl Tin (TPT)	Intentionally Added	No				
A	Tributyl Tin Oxide (TBTO)	Intentionally Added	No				
B	Antimony/Antimony Compounds	1000 PPM	No				
B	Arsenic/Arsenic Compounds	1000 PPM	No				
B	Beryllium/Beryllium Compounds	1000 PPM	No				
B	Bismuth/Bismuth Compounds	1000 PPM	No				
B	Brominated Flame Retardants (other than PBBs or PBDEs)	1000 PPM	No				
B	Nickel (external applications only)	1000 PPM	No				
B	Certain Phthalates	1000 PPM	No				
B	Selenium/Selenium Compounds	1000 PPM	No				
B	Polyvinyl Chloride (PVC)	1000 PPM	No				
Other	AMINES (AZO DYES)	Intentionally Added	No				
Other	CHLORINATED HYDROCARBONS	Intentionally Added	No				
Other	CHLORINATED PARAFFINS	Intentionally Added	No				
Other	COBALT DICHLORIDE	Intentionally Added	No				

1. Auto-fill can be use if no listed substances are present or to add "No" answers prior to other data entry

2. For each substance that exceeds the threshold and/or are intentionally added change **Above threshold level?** To **Yes**

Note: If a substance has been intentionally added "Yes" must be given, even if it is under the threshold level

* Required Field

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MATERIAL COMPOSITION DECLARATION – ADDING DATA 2

		JIG A autofill - No		JIG B autofill - No		All autofill - No	
JIG	Category Name	Threshold Level	Above Threshold Level?	If yes, enter total weight and worse case PPM			Description of Use
Level	As defined in the Joint Industry Guide	Intentionally added or PPM	Yes/No	Weight	UoM	PPM	
A	Asbestos	Intentionally Added	No				
A	Certain Azo colorants	Intentionally Added	No				
A	Cadmium/Cadmium Compounds **	75 PPM or Intentionally Added	Yes	10	mg	10,000	Max 50 characters in this frame
A	Hexavalent Chromium/Hexavalent Chromium Compounds **	1000 PPM or Intentionally Added	No				
A	Lead/Lead Compounds **	1000 PPM or Intentionally Added	No				
A	Lead/Lead Compounds - PVC Cables and Wires Only **	300 PPM	No				
A	Mercury/Mercury Compounds **	1000 PPM or Intentionally Added	No				
A	Ozone Depleting Substances - Class I (CFCs, HBFCs, etc.)	Intentionally Added	No				
A	Ozone Depleting Substances - Class II (HCFCs)	1000 PPM	No				
A	Polychlorinated Biphenyls (PCBs) **	1000 PPM or Intentionally Added	No				

1. Enter the substance **weight** and choose **UoM** from the dropdown

2. Enter substance concentration in **PPM**

Note: Comments may not be more than **50** characters in length.

Note: PPM values for RoHS substances (marked **) must be calculated based on the homogeneous material they are contained in and not on the total product weight.

Note: If more than one homogeneous material contains the same substances, please give the worst case value.

LAST STEPS

- › Save the declaration, including the Ericsson product number and 1752 (IPC -type -1 or -2) in the filename.
Add R-state when applicable.
- › Example: IPC-1752-2_v1.1a_RYT 119 699-R1A.pdf Email the declaration to material.declaration@ericsson.com with cc to the request sender at Ericsson

Please do not send declarations to material.request@ericsson.com

Please note:

- Files will not load onto the system unless the file name contains “IPC 1752”.
- Ericsson’s system performs an automatic syntax and completeness check in order to validate incoming declarations.
- Checks performed include correct CAS number usage, there are no weight mismatches, etc.
- If any errors are found, the system automatically sends an e-mail notifying you of the problem and asking you to correct and resubmit the declaration.
- If you have any problems, please contact the person at Ericsson who sent the request.



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