

 <small>ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®</small>	<b>Material Composition Declaration</b> <small>© Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.</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. <p style="text-align: right;"><b>Adobe Reader version 7.0.5 is required to complete this declaration.</b></p>							
1752-1 1.1	IPC Web Site for Information on IPC-1752 Standard <a href="http://www.ipc.org/IPC-175x">http://www.ipc.org/IPC-175x</a>	<b>Form Type *</b> Distribute	<b>Declaration Class *</b> Class 3 - RoHS Yes/No, JIG Format Substances						
<b>Supplier Information</b>									
<b>Company Name *</b> HMS Industrial Networks	Company Unique ID 556529-9251	Unique ID Authority Swedish Organistion Number	<b>Response Date *</b> 2009-05-05	Response Document ID					
<b>Contact Name *</b> Niklas Andersson	Title - Contact Quality Engineer	<b>Phone - Contact *</b> 00 46 35 17 29 52	<b>Email - Contact *</b> nia@hms.se						
<b>Authorized Representative *</b> Katarina Lekander	Title - Representative Quality Mananger	<b>Phone - Representative *</b> 00 46 35 17 29 11	<b>Email - Representative *</b> kal@hms.se	Supplier Comments or URL for Additional Information <a href="http://www.hms.se/company/environment.shtml">http://www.hms.se/company/environment.shtml</a>					
Requester Item Number	Mfr Item Number	Mfr Item Name	Effective Date	Version	Manufacturing Site	<b>Weight *</b>	UOM	Unit Type	
	AB6004-B	ABIC-COP	2009-05-05	1	HMS Supply	6	g	Each	
Alternate Recommendation	Alternate Item Comments								

**Manufacturing Information section intentionally omitted.**

Save the fields in this form to a file	Export Data	Import fields from a file into this form	Import Data	Locked
RoHS Material Composition Declaration			Declaration Type *	Custom
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			
RoHS Material declaration certificate: HMS Industrial Networks hereby states that its products when ordered as leadfree do not contain any of the restricted material as defined in the European Union directive 2002/95/EC in any amounts higher than limits stated in the directive*.				
Component qualification: Before each HMS product was released for RoHS, every component was examined and qualified for RoHS after gathering information from each respective manufacturer.				
Lead free process: HMS RoHS products are manufactured in lead free processes. For more information regarding soldering temperature limits, or solder material and flux used during the lead free process, please contact HMS.				
Identification: A RoHS product is marked RoHS label at product label, bag label and on over pack.				
* This statement is based on information and data provided from 3rd parties and may not have been verified through destructive testing methods or other chemical analysis.				
HMS reserves the right to change the information stated in this document without any further notice				
RoHS Declaration *	1 - Item(s) does not contain RoHS restricted substances per the definition above			Supplier Acceptance * Accepted
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.				
Supplier Digital Signature				

# 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 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	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	Chloroparaffines 63449-39-8	1000 PPM	No				
Other	Chloroparaffines 85535-84-8	1000 PPM	No				
Other	Chloroparaffines 85535-85-9	1000 PPM	No				
Other	Polybrominated Terphenyls ( PBT )	1000 PPM	No				

Other	Polychlorinated Biphenyls ( PCB ) 1336-36-3	1000 PPM	No				
Other	Polychlorinated Terphenyls ( PCT ) 61788-33-8	1000 PPM	No				
Other	Thallium or its compounds 7440-28-0	1000 PPM	No				
Other	Heavy metals or their compounds as pigments in paints or enamels	1000 PPM	No				
Other	Polybrominated Diphenylethers (PBDE) 1163-19-5	1000 PPM	No				
Other	PFOS or its compounds	50 PPM	No				
Other	Di-(2-ethyl)hexylphthalate DEHP 117-81-7	1000 PPM	No				
Other	n-diethylftalat (DOP) 117-84-0	1000 PPM	No				
Other	Diisononylphtalat 28553-12-0	1000 PPM	No				
Other	Diisobuthylphtalat 84-69-5	1000 PPM	No				
Other	Dibutylphthalate (DBP) 84-74-2	1000 PPM	No				
Other	Buthylbensylphtalat 85-68-7	1000 PPM	No				

OTHER Material Composition Declaration

**Requester Instructions:** The requester can optionally include additional substances that must be declared for the item on this form. This is in addtion to JIG Level A and JIG Level B substances. The requester should enter additional substances as well as the threshold levels that specify the substance at the item level.

**Supplier Instructions:** Explicitly declare whether the item exceed the threshold level by selecting Yes or No. If the maximum concentration of any substance exceeds the threshold levels defined by the requester, then the substance content must be reported in total weight and/or worst case PPM, along with a description of material use.

JIG	Category Name	Threshold Level
Other	As defined by the Supplier	Defined by the Supplier
<div>+</div> <div>-</div>		
Add Other Material Composition to JIG Tab		Clear Other Material Composition in JIG Tab