Supplier Training

Environmental Compliance Material Declaration Management

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Revision History

Document#	Rev	Date	Change Summary
	1.0	December 2016	Initial Release
	2.0	July 2017	Updated screenshots, added Module 6 and IPC 1752-2 v1.1 template link
	3.0	October 2017	Updated Module-5
	4.0	February 2018	Added Module-7: How to use Excel Material Disclosure Form
	5.0	July 2018	Rename of Supplier EC Portal
	6.0	September 2018	Updated Module-7
	7.0	January 2019	Remove reference to IPC 1752 PDF
	8.0	April 2019	Remove Module-5: Creating a New Declaration using Intel's Online Tool. Add pictures of new supplier homepage.
	9.0	May 2019	Updated IEC link
	10.0	September 2019	Remove How to Use MDF, adding to its own document
	11.0	January 2020	Remove broken hyperlinks
	12.0	September 2021	Update corporate template, process diagrams, and data classification. Clarified language.

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Module 1: Supplier Environmental Compliance Requirements

Intel's Expectations

- Suppliers are required to provide a material declaration form for each part, product or product family supplied to Intel which includes disclosures for RoHS, REACH, Low Halogen and other requirements as necessary.
- Suppliers are required to submit Class-D: full material disclosure (FMD) according to IPC 1752A standard for products such as integrated circuits and articles used to assemble integrated circuits; suppliers can submit Class-C according to IPC 1752A or IEC 62474 standard for products such as board and system.
- Suppliers are required to submit material declaration collaterals through Intel's <u>Environmental</u> <u>Compliance Portal</u>; link to the portal is also provided in the EC data request email notifications to suppliers.

Accepted Reporting Formats

Intel accepts reporting formats in either an IPC 1752A XML file generated from a 3rd party tool
that has been certified by IPC or IEC 62474 XML file that conforms to the standard. Please be
advised that Intel no longer accepts the IPC 1752-2 v1.1 PDF and declarations made by the Intel
online "Material Content Declaration (MCD) tool.

Material Disclosure Form (MDF)

Intel provided Excel form designed according to the IPC 1752A data exchange standard.

Module 1: High-Level Environmental Compliance Process



Module 1: EPC Spec Requirement

- Intel's <u>Environmental Product Content (EPC) Specification</u>, document #18-1201, defines the environmental product content requirements for Intel suppliers and outsourced manufacturers.
- Suppliers are required to return a "Read and Understood" response to the EPC spec.



- If you are not currently registered and do not have login ID,
 - Go to <u>supplier.intel.com</u>



If you have any trouble throughout this process,

- Please make sure that you have a DUN & Bradstreet D-U-N-S number and Tax/VAT/Company Reg number.
- If you fail to un-select "Intel[®] Web Suit, you will need to supply 10 digit supplier number, Tax/VAT/Company registration number, etc.



9 Please provide all required information to create an account.

oppno.	ing is a date		
1 Overview	2 Applications	3 Account Information	4 Next Steps
Provide require	d account inform	ation	
Selected application	(s)		
Environmental (Compliance Portal		
Personal Informatio	n		
* Given Name	(First Name) :		
	This informa	tion is required.	
1	1iddle Name :		
* Family Nam	e (Surname) :		
	* User ID		
* EI	mail Address :		
* Re-Enter E	mail Address :		
* Country	of Residence :		•
Wired Ph	one Number :		
Wireless Ph	one Number :		

Please note -

- To create login id, do not create anything with spaces in between. For example, "Smith Johns" will not be accepted and you will get an error message but "smith_johns" or smithjohns" will be accepted
- Please don't use a generic login id like abc_company
- Each individual person has to register with their own account, but they will all have access to all the manufacturer part information associated with their Manufacturer's number

Additional information for Intel contact person- Any Intel employee can be identified as your Intel contact, especially representatives of Intel procurement organizations with whom you work. If you do not know this please contact Intel Supplier Manager

Supplier Registration

- If your D-U-N-S number is not accepted by the system, please verify that you have entered the correct D-U-N-S[®] number for your company.
- If the number is valid but you still get an error message, please email Intel Supplier Manager with your company's name, address, DUNS number and the address associated with that DUNS number.
- The company's address and the address associated with the DUNS number should match.

Dun & Bradstreet D-U-N identify companies work	1-S Numbers are a s dwide.	tandard 9-digit numbe	rusedto
How do I find out what my D You can determine your D- - Ask about your company department - Search Dun & Bradstreet http://www.dnb.com/ How do Lapply for a D&B® D	AB® D-U-N-S number U-N-S Number in one 's D-U-N-S number in 's® online database or	r is? e of two ways: ternally, possibly in your fi contact Dun & Bradstree	nance t® at
- Apply for a D&B® D-U-N-S http://www.dnb.com/	S number by contactir	ng Dun & Bradstreet at	
itional information required for	your access		
* Local D&B D-U-N-S Number :			
* Intel Contact Person :			
* Intel Contact Phone :			
* Manufacturer_Number :			
			O Click "Next"
			Next

When you complete registration,

- You will receive an email to confirm your account and to set a password
- You will await approval from your company's <u>Employee Validation</u> <u>Manager</u> (EVM)

Supplier Registration



Next Steps

1. Set your password

A message will be sent to the email address you provided. Click the link in the message to confirm your account and to set a password.

If you don't receive the email, go to signin.intel.com and click Help.

2. Get Approved by your EVM

Your company's Employee Validation Manager (EVM) must approve your application access request. You will receive an email when your request has been reviewed.

Until your request is approved, you may still sign into Supplier.intel.com. To see the list of EVMs for your company and to send an email, sign in, then go to Manage My Account and "View Company EVMs".



Click "Sign In"

Module 2: Employee Validation Manager

What is an Employee Validation Manager (EVM)?

 An Employee Validation Manager (EVM) is responsible for managing each supplier's user accounts, and their access to confidential data. For this reason, the EVM has a critical security role. Each supplier must identify at least one EVM to manage its users. If, at any time, a supplier does not have an EVM, all users for that supplier will lose their access until a new EVM is identified.

Why is an Employee Validation Manager (EVM) necessary?

 For Standard Registration (full access) accounts, Intel requires that companies manage their own users. Suppliers manage their own confidential data. Suppliers must manage their users and grant or revoke accounts and/or application access based on employment and/or job role changes.

Module 2: Employee Validation Manager

 If your company has a previous Supplier Portal Site (SPS) account, you will be prompted to select an EVM from the existing list



Module 2: Employee Validation Manager

• If your company does not have a previous Supplier Portal Site (SPS) account, you will be prompted to assign an EVM role to yourself.



Intel's Approval

- ONLY when the EVM approval has been completed, does the request for Supplier Portal site account and Environmental Compliance Application go to your Intel contact. <u>Follow these steps to check request status.</u>
- 2) When approved, you will receive a notification indicating your access has been approved and allowing you to log in to supplier.intel.com and select the Environmental Compliance link to upload an IPC or IEC document. See additional job aides for specific instructions
- 3) General timeframe for getting the access request processed is ~1 week

Click the checkbox that you have read and acknowledge the responsibilities of an EVM

Intel Contact to approve you as the EVM user

Module 2: Navigating to Supplier Environmental Compliance (EC) Portal

- Once you have an account, you can navigate to the Environmental Compliance Portal at
 - https://supplier.intel.com/SupplierHub/App/UserValidation.aspx
 - The direct link in the registration email

The email will provide useful links to	After logging into Supplier Portal, click on "Environmental Compliance Portal" to access the Environmental Compliance Portal									
Date: 2019-03-20 Dear JOES BAR AND GRILL,	intel. PRODUCTS	SUPPORT SO	Supplier intel com	🔚 Site Map	Support	Account	Sign Out			
Supplier EC Portal: To complete or upload an environmental declaration, please sign into our <u>Environmental Compliance Portal</u> . For more information on how to <u>request access</u> and provide environmental material declaration through the Environmental Compliance Portal, please refer to the <u>Supplier Training Document</u> .	Suppliers / Supplier H	lome	Contingent Workforce Supplier Policy	Velcome to Your Supplier Informa WELCOME Jongsoon Park	ation					
Accepted Reporting Formats: Intel has adopted the latest industry standards for materials declaration data exchange. Intel accepts reporting formats in either IPC 1752A or IEC 62474.	Supplier Home		Manage My Account Materials Engineering Product Data	Your Notifications Subject		Priority Date	e Remove			
 Material Disclosure Form (MDF) can be downloaded here. This is an Intel provided Excel form designed according to the IPC 1752A data exchange standard. Note: Intel has ended acceptance of any IPC 1752 PDF data format as primary compliance collaterals starting January 2019. Intel will no longer be accepting material declarations made by the online "Material Content Declaration (MCD)" tool starting April 2019. Suppliers are required to submit full material disclosure (FMD) according to IPC 1752A Class-D standard for products such as integrated circuits and articles used to assemble integrated circuits; suppliers can submit material declaration according to IPC 1752A Class-C or IEC 62474 for products such as board and system. 	Sign In to the Supplier Portal		Management Environmental Compliance Portal Training Toolbox				_			
Please submit your material disclosure documentation within 2 weeks of receiving this request. Intel appreciates your cooperation in providing material disclosur documentation which is required for regulatory compliance reporting. If you have questions or require assistance, please contact your Intel representative.	ire		Click "E	Environmental Co	mplianc	e Portal"	elected Not fications			
Sincerely, Intel Product Ecology			5	Your News Subject		Date	e Remove			

Module 2: Request Access to Additional Applications



Module 2: Checking Status of Access/EVM role request

Follow steps below to check request status.



Module 3: Intel's Environmental Product Content (EPC) Specification

- Intel requires review of the EPC spec 18-1201 with submission of the conformance form
- To access the EPC Conformance Form

Log into the Environmental Compliance Portal and click "Environmental Compliance Docs"

6	Home	EPC Help Downlo 2 Click "I aquest list	ads EPC"	J	11.00		Home EPC Help Downloads EPC Spec Conformance Form Statement of Conformance to ENVIRONMENTAL PRODUCT CONTENT (EPC) Specification 18-1201 for Intel Suppliers & Outsourced Manufacturers Completion of this form constitutes acknowledgement that the Supplier has read and understands Intel's ENVIRONMENTAL PRODUCT CONTENT SPECIFICATION FOR SUPPLIERS & OUTSOURCED MANUFACTURERS, including conformance to the European Union Directive on the Restriction on the Use of Certain Hazardous Substances in Electricial and Understands (Refs).
		MPN	Status	Added	Requested	LH	
	1	00000000 2	Augiting raphy	2016 00 15	2016 10 20	0	1 2 3 3 Complete all the required fields
	2	600000000-1	Awaiting reply	2016-09-15	2016-10-20	0	PROFILE DECLARATION ADDENDUM B ADDENDUM F
0	3	7000000-1	Working	2016-09-15	2016-10-20	Θ	EPC Declared: 10/18/2018 32224 AM Thank you! Your EPC declaration has been submitted on 10/18/2018 3:22:24 AM Print.
You can do Content (E	ownlo	oad Environme Spec Conform	ental Product nance Form				 All fields in EPC Spec Conformance Form must be completed Do you have a goal and plan to phase out Ozone Depleting Substances (ODS)? "Yes", select exact year or since inception

Module 3: Intel's Online EPC Spec Conformance Form

- Once submitted, the form will become read-only unless rejected by Intel or until a new request is sent by email to complete the form
- If multiple representatives can access this form, Intel requires only one acknowledgement on behalf of your company
- To save a local copy, use your browser's file/save features
- Upon next login to EPC Spec Conformance Form, you will see the EPC section shows the last date completed



Module 4: Material Declaration Submission

Below is example of an EC Data Request email

This is one method of initiating Supplier Declaration Submission process

Dear JOES BAR AND GRILL,

Supplier EC Portal:

To complete or upload an environmental declaration, please sign into our <u>Environmental Compliance Portal</u>. For more information on how to <u>request access</u> and provide environmental material declaration through the Environmental Compliance Portal, please refer to the <u>Supplier Training Document</u>.

Accepted Reporting Formats:

Intel has adopted the latest industry standards for materials declaration data exchange. Intel accepts reporting formats in either IPC 1752A or IEC 62474.

- Material Disclosure Form (MDF) can be downloaded <u>here</u>. This is an Intel provided Excel form designed according to the IPC 1752A data exchange standard.
 - Note: Intel has ended acceptance of any IPC 1752 PDF data format as primary compliance collaterals starting January 2019.
- Material Content Declaration (MCD) is an Intel provided online tool; suppliers can use by logging into Intel's <u>Environmental Compliance Portal</u> to create declaration. This form is designed according to IEC 62474 standard.
- Suppliers are required to submit full material disclosure (FMD) according to IPC 1752A Class-D standard for products such as integrated circuits and articles used to assemble integrated circuits; suppliers can submit material declaration according to IPC 1752A Class-C or IEC 62474 for products such as board and system.

Please submit your material disclosure documentation within 2 weeks of receiving this request. Intel appreciates your cooperation in providing material disclosure documentation which is required for regulatory compliance reporting. If you have questions or require assistance, please contact your Intel representative.

Sincerely,

Intel Product Ecology



Portal: hyperlink to Environmental Compliance Portal provided in Email, click on it to log into the portal for online submission

Intel provided material declaration tools: Excel based Material Disclosure Form Template, IPC 1752A

Online based Material Content Declaration (MCD), IEC 62474

Module 4: Navigating EC Portal Main Page

 The EC Portal main page provides all the manufacture part numbers (MPN) under your supplier ID



Module 4: Navigating EC Portal Main Page

	(intel)	Environmental Complia	nce Supplier Porta	LH: Indicate declaration	es if the uploac i is Low Haloge	ded complia en (LH)	ance	RoHS: I complia	Indicates if the uploaded ance declaration is RoHS			
	1 Part re	quest list										
		MPN	Status	Added	Requested	LH	RoHS					
Sort: Sorts the table by clicking	gon						\$	\$				
the header column "Name"	3	TSTBULK1	Awaiting reply	2015-12-10	2016-09-22	θ	θ					
	64	TSTBULK2	Awaiting reply	2015-12-10	2016-09-22	θ	Θ					
	65	ISTBULK3	Awaiting reply	2015-12-10	2016-09-22	0	0					
Filter: Filters b	ers by a string of characters found ce within the name outs		Awaiting reply	2015-12-10	2016-09-22	0	0					
Filter: Filters by a at any place with Example: A search bring back recor			Awaiting reply	2015-12-10	2016-09-22	0	0					
Evennelei A ee	68	68 TSTBOLR6	Awaiting reply	2015-12-10	2016-09-22	0	0					
Example. A se	ords with	a status of "Awaiting	Awaiting reply	2015-12-10	2016 09 LH	andRoHS	column Indica	ators				
Reply"	70	TSTBULK8	Awaiting reply	2015-12-10	2016-0 LH	RoHS			Description			
Noto Filtors on	n bo appli	YESIDO-123	Awaiting reply	2016-07-19	2016-0	Ð	No Data / Un	known				
further refine v	our search		Awaiting reply	2016-07-19	201 <mark>6</mark> -0	U						
	73	ZXCVBN	Awaiting reply	2016-07-19	2016 -0 🗸	~	LH: Complian RoHS: Comp	nt / No Ha oliant	' No Halogen over threshold nt			
	Toggle uniden	ifiable		1 2 3 4	×	×	LH: Non-com RoHS: Non-c threshold	npliant / H compliant	lalogen present and over thresho due to substance with above	old		
							Compliant by	y exempti	on (Exemption claimed)			
										1		

Module 4: Submitting a Supplier Declaration

 To begin submission process, you need to select the appropriate part(s) in the Part request list

	MPN	Status	Added	Requested	LH	RoHS
						\$
63	TSTBULK1	Awaiting reply	2015-12-10	2016-09-22	θ	0
1	Select one o	or more MPNs in th	elist 2015-12-10	2016-09-22	θ	θ
65	TSTBULK3	Awaiting reply	2015-12-10	2016-09-22	θ	θ
66	in submitting a b	check all MPNs that an	aly This cap	2016-09-22	θ	θ
67	ONLY be used	when MPNs are equiva	lent in weight	2016-09-22	θ	θ
68	and substance of	composition.	2015-12-10	2016-09-22	θ	θ
69	TSTBULK7	Awaiting reply	2015-12-10	2016-09-22	θ	θ
70	TSTBULK8	Awaiting reply	2015-12-10	2016-09-22	θ	θ
71	YESIDO-123	Awaiting reply	2016-07-19	2016-09-22	θ	×
72	YESIDO-890A	Awaiting reply	2016-07-19	2016-09-22	θ	×
73	ZXCVBN	Awaiting reply	2016-07-19	2016-09-22	Θ	×
nidenti	fiable		1 2 3 4			Export to Excel

Module 4: Submitting a Supplier Declaration

2

- Follow these steps to submit an Intel acceptable declaration file
 - IPC 1752A or IEC 62474

Opload declaration

Select 1 or more parts in the above list before submitting a declaration.



Module 4: Submitting a Supplier Declaration

- Once you submit your declaration, a progress bar (working...) will appear until the form has been processed.
- When complete, click on status field to check declaration history for issues.
- You will also receive an email from Intel with details on your submission status

0	Part rec	quest list	Thank you for your declaration.	Your submission has been such	cessfully received and			
MPN		MPN	will be processed shortly. Pleas be reported.	LH	RoHS			
							\$	
	1	000900000-2			ОК	Θ	×	
	2	60000000-1				0	~	
	3	7000000-1	Awaiting reply	2016-07-19	2016-0	Click "Ok	/	
	4	8000000-1	Awaiting reply	2016-07-19	2016-0	CIICK OF	×	
	5	8765409-333	Awaiting reply	2016-07-19	2016-09-25	Θ	×	
	6	A12627-001	Awaiting reply	2016-07-19	2016-09-25	θ	~	
	7	ABC123U&M	Awaiting reply	8 When com	plete, click o	n status	0	
	8	ANTHONYTEST1	Awaiting reply	tield to che	ck declaratio	on history	4	
	9	ANYNUMBER-0	Awaiting reply	and/or vall	dation errors	0	4	
	10	ARDVARK-U571	Awaiting reply	2016-07-19	2016-09-25	0	4	
	11		Awaiting reply	2016-07-10	2016-00-25	ല		
Toggi	le unidenti	flable		1 2 3 4			Export to Excel	Emai

Module 5: Submitting an Online Support Ticket



Module 5: Submitting an Online Support Ticket



Note. You have to sign-in to submit a support ticket.

Additional Resources

- Portal Login Assistance: https://supplier.intel.com/static/misc/support.htm#hotline
- IEC 62474 Material Declaration Standard: http://std.iec.ch/iec62474/iec62474.nsf/index
- IPC-1752A Material Declaration Standard: http://www.ipc.org/ContentPage.aspx?pageid=Materials-Declaration
- IPC's 3rd party XML solution providers: http://www.ipc.org/ContentPage.aspx?pageid=Materials-Declaration

Thank you!

