### Completing the IPC-1752A Generator Form

A free, user friendly IPC form is available from Total Parts Plus (TPP) at <u>www.totalpartsplus.com</u>. The following images are reproduced from the TPP IPC-1752A Generator for instruction purposes only.

#### Login to www.totalpartsplus.com.

Under the **Products** menu, select "IPC Generator Tool." Follow the examples below to complete the necessary information. Remember to "Save" the record during your data entry process to secure your work. You can re-enter the website later and reload your last activity by entering your email address and clicking "Reload Last".

When your data entry is complete, click the Generate XML button. Lastly, Generate PDF.

Email the XML file and a PDF to: <u>Regulatory.Compliance@UNICOMengineering.com</u>. Retain copies for your own records.

Contact UNICOM Engineering, Regulatory Compliance at any time if you require assistance with our request for compliance verification.

#### Requester and Supplier Information

- 1. For your records, enter some information about who requested this information from you (in this case, UNICOM Engineering).
- 2. Provide identifying information about you (the OEM or Supplier).
- 3. Uncertainty statement: leave blank or see TPP website for guidance.

			Requester Information	
Company Name		Company Unique ID	Company Unique ID Authority	
Request Date		Request Desument ID	Receard By Date	Internal Supplier ID
2018-05-08				
Contact Name		Contact Title	Contact Phone	Contact Email
Pat Hollinshead		Regulatory Compliance Specialist	(972) 633-3430	pat.hollinshead@unicomengineering.com
Contact Internal		Contact Street	Contact City	Contact State
Contact Country		Contact Zip Code	Contact Comment	
			Supplier Information	
Company Name	Your Company Name	Con	tact Name Enter Certifier Name	Authorized Rep. Person UNICOM can contact
Response Doc ID		Co	ntact Title Enter Certifier Title	Representative Title Title of Person UNICOM can contact
Company Unique ID		Con	act Phone Enter Certifier Phone Number	Representative Phone Phone number for contact above
		Con	tact Email Enter Certifier Email	Representative Email address for contact above
Unique ID Authority				
Unique ID Authority Response Date	2018-05-08	Supplier	Comments Enter information here specific to how this declaration services	ves your company, your particular product, or your products in ge
Unique ID Authority Response Date	2018-05-08	Supplier (	Comments Enter information here specific to how this declaration ser	ves your company, your particular product, or your products in ge

4. Select "Standard" or other Legal Statement appropriate for your organization.

#### 5. Accept the Legal Statement.



# Product Information

- 6. Enter name of the manufacturer (OEM) into the "Manufacturing Site" field.
- 7. Enter each product on a single line.
- 8. Click "Add Row" for additional lines; click "Delete Last Row" to remove an item.

		Product	Information		
			Product		
Init Type M	anufacturing Site	Total Mea	asured Mass		
ach 🗸 E	nter Name of Item's manufacturer				~
Item Number	Item Name	Effective Date	Version	Kequester Item Number	Kequester Item Name
[Manufacturer Part Number]	[Manufacturer Part Description]	2018-05-08	[Kev or Vendor Part Number]	[UNICOM Engineering Part Number]	[UNICOM Part Description]
SF-SFPP2EPASS-002	CABLE, SFF-8431 10GBE SFP+	2018-05-08	Rev 0A	740-1710-00	CABLE, SFF-8431 10GBE SFP+
TS128GJF780	Flash 780 USB 3.0 128GB Thumbdriv	2018-05-08	Rev 0C	807-3012-00	FLASH DRIVE, 128GB MLC USB
		Add Row	Delete Last Row 8		
		Manufacturing	Process Information		
			Package		
MSL Rating	Classification Temp	Max Time Within 5	Component Ramp Up	Rate Component Ra	mp Down Rate
Perhaps Min Tama	Parkast May Tawa	Dark and Duration	Composite Tamp Fail	la Tara Ahara Di	-
Preneat Min Temp	Preneat Max Temp	Preneat Duration	Component Temp Spi	ike Time Above 2.	
Package Designator					
	~		9		
	Max Wave Solder Temp	Max Total Wave Time	_		
# of Process Cycles					
# of Process Cycles	¥				
# of Process Cycles	×				
# of Process Cycles	Size	# Of Instances	Terminal	0,,//- C_1/ T-	mination
# of Process Cycles	Size	# Of Instances	Terminal Terminal Base Alloy	Bulk Solder Te	rmination
# of Process Cycles Shape Plating	V Size	# Of Instances	Terminal Terminal Base Alloy	Bulk Solder Te	rmination
≠ of Process Cycles Shape Plating	Size	# Of Instances	Terminal Terminal Base Alloy	Bulk Solder Te	rmination
≠ of Process Cycles Shape Plating	v Size v	# Of Instances	Terminal Base Alloy	Bulk Solder Te	rmination
# of Process Cycles Shape Plating	V Size V	≠ Of Instances	Terminal Base Alloy	Bulk Solder Te	mination

9. Enter Manufacturing Process Information if known. Leave blank if unknown.

# ROHS Exemptions

10. Click **EL2011/534/EU** to display appropriate RoHS exemptions. Click "Include" for each exemption that applies to the products you listed above.

**NOTE!** The compliance settings and exemptions selected shall apply to ALL products you listed. You will need to create a separate IPC form for any product(s) requiring different settings.

		10									
	RoHS Exemptions										
	EL2011/534/EU EL2011/65/EU_ANNEX_IV										
Exe		EL2	2011/534/EU Auth	ority: IPC							
	Include		Exemption ID	Description							
			1	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):							
			1(a)	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For general lighting purposes less than 30 W: 3.5 mg							
			1(b)	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For general lighting purposes greater than or equal to 30 W and less than 50 W; 3.5 mg							

### Query List

11. Read through the "Query List" statements. Select the appropriate RoHS response.

- a. If all products are compliant <u>without exemptions</u>, toggle "**True**" to the statement "Product Meets EU RoHS Requirements Without Any Exemptions."
- b. If you selected exemptions for your products, toggle "True" to the statement "Product Meets EU RoHS Requirements by Application of the Selected Exemption(s)".
- c. If product is non-compliant to the current RoHS specification, toggle "**True**" to the statement "Product Fails to Meet EU RoHS Requirements."
- d. If product is Unknown or Obsolete, toggle "True" to "Product is Unknown/Obsolete, No Information is Available."

Query	Statement	1 3	Response
EUROHS-0508	Product Meets EU RoHS Requirements Without Any Exemptions	-	
EUROHS-0508	Product Meets EU RoHS Requirements Except Lead in Solder and This Usage May Qualify Under the Lead in Solder "76" Exemption (other selected exemptions may apply)		
EUROHS-0508	Product Meets EU RoHS Requirements by Application of the Selected Exemption(s)	True	
EUROHS-0308	Product Fails to Meet EU RoHS Requirements	1	
EUROH5-0508	Product is Unknown/Obsolete, No Information is Available		
ChinaRoHS-0508	Product(s) requires marking for the presence of restricted substances and must be marked with an Environmental Protection Use Period under China's Measures for Administration of the control of pollution by Electronic Information Products	1 4	
ChinaRoHS-0506	Product(s) is eligible for marking with the green a code under China's Measures for Administration of the control of pollution by Electronic Information Products	True	
EUREACH-1008	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	1	5
EUREACH-0110	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		3
EUREACH-0310	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		5
EUREACH-0610	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		5
EUREACH-1210	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		5
EUREACH-0611	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	1	5
EUREACH-1211	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		3
EUREACH-0612	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-1212	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		3
EUREACH-0613	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-1213	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	1	1.5
EUREACH-0614	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-1214	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-0615	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	1	
EUREACH-1215	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-0616	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		5
EUREACH-0117	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		
EUREACH-0717	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		5
EUREACH-0118	Product(s) does not centain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	True:	
Custom		False	18

- 12. Select an appropriate China RoHS response (True/False).
- 13. Select the REACH release you shall declare against. If you do not know, select the latest. If the latest REACH release is not shown, write it in on the Custom line.

If <u>none</u> of your products contain constituent substances of concern above allowable limits, toggle the REACH response to "**True**."

	13	
EGREACH 0010	Plotacta) dues not contain concerne candidate las substances above die dineanolis specified in die Kokon Regulation	
EUREACH-0117	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	~
EUREACH-0717	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	✓
EUREACH-0118	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	True
Custom		×
	Add Row Delete Last Row	

14. If <u>one or more</u> of your products contain(s) REACH substances <u>above</u> the limits per the definition, toggle the REACH Response to "False." Proceed to Step 15.

	14		
EUREACH-0117	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation		~
EUREACH-0717	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	×	~
EUREACH-0118	Product(s) does not contain EU REACH Candidate List substances above the thresholds specified in the REACH Regulation	False	~
Custom			~
	Add Row Delete Last Row		

15. If, in step 14, you selected "False", indicating a product <u>does</u> contain REACH SVHCs above the limits per the definition\*, you will now enter the weight, measure and concentration of those constituencies.

\***Note!** If your product DOES NOT contain REACH SVHCs above the allowed limits, return to step 14 and change your value from "False" back to "True."

Material Summary: Select the REACH amended release (one or more) that applies to your data declaration (the latest EUREACH release should be the last "EUREACH-xxxx" item shown, see illustration below).

A list of substances specific to the EUREACH release you select will autopopulate.

Browse the substance list(s) to locate the appropriate SVHC above threshold in your product. Click "Above Threshold", enter weight, UoM, concentration or description information.

	Material Summary											
□ EUREACH-0108 □ EUREACH-0110 □ EUREACH-0510 □ EUREACH-1210 □ EUREACH-0511 □ EUREACH-0612 □ EUREACH-0512 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0512 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0513 □ EUREACH-0516 □ EUREACH-0517 ☑ EUREACH-0518 □ EUREACH-0513 □ EUREACH-0517 ☑ EUREACH-0518 □ EUREACH-0513 □ EUREACH-0512 □ EUREACH-0513 □ EU												
EUREACH-	EUREACH-0118											
Level	Category Name	Threshold Level	Above Threshold	Weight	UoM	Concentration	Description	Exemption List				
REACH- SVHC	[4-[[4-anilino-1-naphthyl][4-(dimethylamino) phenyl]methylena]cyclohexa-2,5-dien-1-ylidena] dimethylammonium chloride (C.I. Basic Blue 26) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1% by weight (1 000 ppm) of any article			~							
REACH- SVHC	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,3'-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) [with greater than or equal to 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	0.1% by weight (1 000 ppm) of any article			~							
REACH- SVHC	[Phthalato(2-)]dioxotrilead	0.1% by weight (1 000 ppm) of any article			~							
REACH- SVHC	1,2,3-Trichloropropane	0.1% by weight (1 000 ppm) of any article			~							

### Materials and Material Groups

16. If you know Sub-product mass/unit for homogenous materials in your product, enter data. Leave blank if unknown.

		16	Homogeneous Materials								
	● Single Product Declaration ◎ Multiple Product Declaration										
Material Material Group Mat		Material Mass	Substance	Substance Type CAS EC			Level	Level Auth	Exemption	Substance Mass	Concentration
	Add Row Delete Last Row										





## • Generate Report

- 17. Verify your email address is correct. <Save>
- 18. Generate PDF for your records.
- 19. Generate XML file.
- 20. Forward XML and a copy of the PDF to UNICOM Engineering at <u>Regulatory.Compliance@UNICOMengineering.com</u>

Thank you!