



Declaration of Conformity - Materials

Revised: 14 December 2021

FT Technologies Ltd
Sunbury House
Brooklands Close
Sunbury on Thames
TW16 7DX, UK

Objects of the declaration:

- FT702-V22. Flat-Front (FF) & Pipe-Mount (PM) variants
- FT722 and FT742. Flat-Front (FF), Pipe-Mount (PM) Surface-Mount (SM), Direct-Mount (DM) and 50mm Direct-Mount (DM50) variants
- Cable Assemblies

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The object of declaration described above is in conformity with the requirements of the following documents:

Document No:	Title:	Edition:	Date of Issue:
MEPC. 269(68)	Guidelines for Inventory of Hazardous Materials		15/05/2015
EC No 1907/2006	REACH SVHC Candidate List REACH Enforcement Regulations 2008 [Note 2 - - see page 3.	211	
2015/863	RoHS/3 Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Regulations 2012 (as amended). [Note 1]- see page 3.	3	
2017/821/EU	Laying down supply chain due diligence obligations for Union importers of tin, tantalum and tungsten, their ores, and gold originating from conflict-affected and high-risk areas.		1/01/21*

***UK equivalent post Brexit has yet to be determined**

Additional Information: Information content follows the Material Composition Declaration for Electronic Products JEDEC JIG10, IPC175x and the Japanese Green Procurement Survey Standardization Initiative. XML formatting following IEC62474 is not implemented.

Signed for and on behalf of FT Technologies:

Brian Monaghan
Quality Improvement Manager

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DoC ID No: A8587-3

MATERIAL DECLARATION

Type 1: SELF DECLARATION



<Date of declaration>

Date: 14/12/2021

<Supplier DoC Number>

Supplier DoC

<Supplier (Respondent) Information>

Company name	FT Technologies Ltd
Division name	Sunbury House, Brooklands Close, Sunbury-on-Thames, TW16 7DX
Address	
Contact person	Brian Monaghan
Telephone no	+44 208 943 0801
Fax no	
E-mail address	Brian.Monaghan@fttech.co.uk

<Other information (e.g. Assembly, Turbine No. if applicable.)>

Remark 1	Compliance with customer -specific Prohibited and Restricted lists continue to be evaluated, and this certificate will be revised accordingly as further information is found.
Remark 2	
Remark 3	

Unit:

This material information shows the amount of hazardous materials contained in

1 piece

<Material Information>

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
Table A MEPC.269 IHM Appendix 1 Will be superseded in 2020 by EU Ship Recycling Regulation (EU) No 1257/2013	Asbestos	Asbestos	0.1%	No			
	PCB's	Polychlorinated Biphenyls (PCBs)	50 mg/kg	No			
	Ozone depleting Substances (Regulation EC1005/2009)	Chlorofluorocarbons (CFC's)	No threshold level	No			
		Halons		No			
		Other fully Halogenated CFC's		No			
		Carbon Tetrachloride		No			
		1,1,1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
	Anti-fouling systems containing organo-tin compounds as a biocide		2,500 mg total tin/kg	No			

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
Table B RoHS/2	Cadmium & Cadmium Compounds		100 mg/kg	No			
	Hexavalent Chromium and Hexavalent Chromium Compounds		1,000 mg/kg	No			
	Lead and Lead Compounds		1,000 mg/kg	Yes	0.008	kg	Most EU RoHS compliant SMT resistors contain in excess of 1000 ppm of lead by weight at the component level. The lead (Pb) is contained in the lead oxide of the primary glass layer of the resistor body and in the resistive layer. It is not technologically possible to produce SMT resistors without the use of lead in oxide form in various parts of the component permitted under RoHS exemption 7c and IHM exemption 3.3.2 Lead is also present at 0.4% by weight in 6026 Aluminium Alloy sensor body permitted under RoHS Exemption 6b
	Mercury and Mercury Compounds		1,000 mg/kg	No			
	Polybromated Biphenyl (PBB's)		50 mg/kg	No			
	Polybrominated Diphenyl Ethers (PBDE's)		1,000 mg/kg	No			
	Diisobutyl phthalate (DIBP)		1,000 mg/kg	No			
	Bis (2-ethylhexyl) phthalate (DEHP)		1,000 mg/kg	No			
	Butyl benzyl phthalate (BBP)		1,000 mg/kg	No			
	Dibutyl phthalate (DBP)		1,000 mg/kg	No			
Polychloronaphthalenes (Cl>=3)		50 mg/kg	No				

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
Table C1 Materials known to promote severe or chronic allergic reactions	Antimony and its compounds		1,000 ppm	No			
	Arsenic and its compounds		1,000 ppm	No			
	Beryllium and its compounds		1,000 ppm	No			
	Bismuth and its compounds		1,000 ppm	No			
	Vanadium		100 ppm	No			
Table C2 Others	Asbestos (Directive 83/477/CEE and Amendment 2007/30/EC)		None	No			<0.1 f/cc (fibers >5 µm long) adopted for air monitoring
	Radioactive substances (Directive 96/29/Euratom)		No thr.level	No			
	Certain Shortchain Chlorinated Paraffins (EU Reg. 519/2012)		0.15%	No			

Table	Candidate List of substances of very high concern	Threshold level	CERTIFICATE OF COMPLIANCE WITH DIRECTIVE 2011/65/EU ROHS AND EU REGULATION EC 1907/2006
<p>Table D REACH Compliance</p>	<p>2018 (191 items)</p>	<p>0.10%</p>	<p>We hereby certify that all products shipped from FT Technologies meet the requirements for REACH Compliance as defined by European Community Regulation, EC1907/2006, except as defined below. It has been determined that the products we offer are classified as articles by this regulation. We acknowledge our responsibility as an "actor" in the supply chain to provide information on the composition of articles we supply to you (Article 33), including confirming the absence or presence of any SVHC (Substance of Very High Concern) when they are present in amounts in excess of 0.1% weight by weight.</p> <p>The following non-conformances are noted, with a corrective action plan being developed to address these:</p> <ol style="list-style-type: none"> 1. The activator primer and chromate free primer do not comply with both REACH requirements and prohibited/ restricted list requirements. Toluene exceeds 0.1%, and Xylene, zinc oxide and tr-zinc bis are used. 2. Toluene is used in the sensor assembly process, approx 0.213g/sensor. <p>Whilst the sensor has not been designed to come in prolonged contact with skin, the sensor uses Nickel Acetate in its surface finish, so the requirements of Annex XVII (Restricted use) entry 27 should be noted, i.e. use disposable gloves in handling the sensor.</p>
<p>Note on REACH and RoHS Regulations REACH continues to evolve as new chemical substances are added to the Candidate List Substances of Very High Concern (SVHC) or restrictions imposed on their use (Annex XVII). European law requires that manufacturers of products distributed in Europe report if a product contains more than a specified amount of any SVHC. RoHS evolves as exemptions are added, change or expire. RoHS mandates that producers of certain categories of electrical and electronic equipment are not allowed to place products on the European market that contain ten "banned" substances, unless they qualify for a valid exemption. It is necessary to plan on REACH and RoHS changing every six months. As a manufacturer, we need to factor this evolution into the information we collect from our suppliers with a view of needing to collect additional data from a supplier only for new components or if they alter a component.</p>			
<p>Note on MEPC. 269(68) Inventory of Hazardous Materials (IHM) Adopted by the International Maritime Organization the objectives of the Inventory are to provide ship-specific information on the actual hazardous materials present on board. It follows the RoHS model in that the hazardous materials are listed in Annex 1 of the document and exemptions allowed are as specified in paragraph 3.3 of the guidelines which gives usages that do not need to be listed on the IHM, even if such materials or items exceed the IHM threshold values.</p>			