

# MATERIAL DECLARATION (MD)

## Type 1: SELF DECLARATION

Date of declaration	30.08.2013	Company name	Jotron AS
MD ID no.	MD-83200	Division name	Maritime and Energy Division
Shipbuilder		Address	innlaget 230, 3195 Skoppum, Norway
Newbuilding no.		Contact person	Bjørn Rishovd
Remarks		Telephone no.	47 3313 9700
		Fax no.	4 733 126 780
		Email address	<a href="mailto:sales@jotron.com">sales@jotron.com</a>
		SDoC ID no.	JAS-02

Is product already Type approved by DNV?  Yes  No

<Product information>

Product Name	Product Number	Amount delivered		Product information
		Amount	Unit (Kg, m2, m3)	
TR-810 VHF/AM Radio	83200	2	Kg	Jotron Multi Purpose VHF/AM Helli-Comm Radio

Unit:

This material information shows the amount of hazardous materials contained in:

1	piece
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(Unit: piece, kg, m, m2, m3...) of the product

<Material information>

TABLE A: Materials listed in Appendix 1 of the Convention

No.	Materials	Threshold level	Present above threshold level?	IF YES		Information on where it is used
				Material Mass		
				Amount	Unit (Kg, m2, m3)	
A-1	Asbestos	No threshold level	No			
A-2	Polychlorinated biphenyls (PCBs)	No threshold level	No			
A-3	Ozone depleting substances	No threshold level	No			
			No			
			No			
			No			
			No			
			No			
			No			
A-4	Anti-fouling systems containing organotin compounds as a biocide	2,500 mg total tin/kg	No			

Note: - For materials in this Table with no threshold level, quantities occurring as unintentional trace contaminants should not be listed in MD

TABLE B: Materials listed in Appendix 2 of the Convention

No.	Materials	Threshold level	Present above threshold level?	IF YES		Information on where it is used
				Material Mass		
				Amount	Unit (Kg, m2, m3)	
B-1	Cadmium and Cadmium Compounds	100 mg/kg	No			
B-2	Hexavalent Chromium and Hexavalent Chromium Compounds	1,000 mg/kg	No			
B-3	Lead and Lead Compounds	1,000 mg/kg	Yes	0,03	Kg	Lead content on printed circuit board
B-4	Mercury and Mercury Compounds	1,000 mg/kg	No			
B-5	Polybrominated Biphenyl (PBBs)	1,000 mg/kg	No			
B-6	Polybrominated Diphenyl Ethers (PBDEs)	1,000 mg/kg	No			
B-7	Polychlorinated Naphthalenes (more than 3 chlorine atoms, Cl ≥3)	No threshold level	No			
B-8	Radioactive substances	No threshold level	No			
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1 %	No			

The Object(s) of the Declaration described above are in conformity with the Guidelines for the development of the Inventory of Hazardous Materials Resolution MEPC.197(62) Adopted on 15 July 2011

Signed for and on behalf of : Jotron as  
 Date of issue (M/d/yyyy) : 09.09.2013  
 Place of issue : Skoppum  
 Full name : Bjørn Rishovd  
 Position : Certification Manager



Signature & Company stamp :

Bjørn Rishovd