

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	2023/3/7
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<MD identification number>

ID-No.	MD-LY-20230307
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<Other information>

Remark 1	
Remark 2	
Remark 3	

<Supplier (respondent) information>

Company name	Green Sea Marine Engineering Co.,Ltd.
Division name	Technical division
Address	No.123 Jiangshan South Road,Huangdao District,Qingdao China
Contact person	Tracy
Telephone number	0086 15265211099
Fax number	
Email address	shiprepair@greenseamarine.com
SDoC ID number	SDoC-LY-20230307

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
MAGNETRON FOR S/X BAND RADAR	MG5223F/MG5436	1	SET	

<Materials information>

This materials information shows the amount of hazardous materials contained in

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

Table	Material name		Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	0.1% *	No			
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	No			
	Ozone Depleting Substance (ODS)	Chlorofluorocarbons (CFCs)	No threshold value	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1, 1, 1-Trichloroethane		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
	Anti-fouling systems containing organotin compounds as a biocide	Methyl bromide	No				
		Bromochloromethane	No				
		e.g. Tributyltin (TBT)	2500 mg total tin/kg	No			
	e.g. Triphenyltins (TPPTS)	No					
e.g. Tributyltin oxide (TBTTO)	No						
EU SRR **	Perfluorooctane sulfonic acid (PFOS)		10 mg/kg	No			

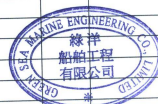


Table	Material name	Threshold value	Present above threshold value?	If yes, material mass		If yes, information on where it is used
			Yes / No	Mass	Unit	
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds	100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds	1000 mg/kg	No			
	Lead and lead compounds	1000 mg/kg	No			
	Mercury and mercury compounds	1000 mg/kg	No			
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)	1000 mg/kg	No			
	Polychloronaphthalenes (Cl >=3)	50 mg/kg	No			
	Radioactive substances	No threshold value	No			
Certain shortchain chlorinated paraffins	1%	No				
EU SRR **	Brominated flame retardant (HBCDD)	100 mg/kg	No			

* In accordance with regulation 4 of the IMO Hong Kong Convention, for all ships, new installation of materials which contain asbestos shall be prohibited. According to the UN recommendation "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)" adopted by the United Nations Economic and Social Council's Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (UNSCGHS), the UN's Sub Committee of Experts, in 2002 (published in 2003), carcinogenic mixtures classified as Category 1A (including asbestos mixtures) under the GHS are required to be labelled as carcinogenic if the ratio is more than 0.1%. However, if 1% is applied, this threshold value should be recorded in the inventory and, if available, the Material Declaration and can be applied not later than five years after the entry into force of the Convention. The threshold value of 0.1% need not be retroactively applied to those inventories and declarations.

** Additional materials to be listed, in accordance with Annex I and Annex II of the European Union Ship Recycling Regulation (Regulation (EU) No 1257/2013)



This MD is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)

SUPPLIER'S DECLARATION OF CONFORMITY FOR MATERIAL DECLARATION MANAGEMENT

1. SDoC Identification Number SDoC-LY-20230307
2. Issuer's Name Green Sea Marine Engineering Co.,Ltd.
 Issuer's Address No.123 Jiangshan South Road,Huangdao District,Qingdao China
3. Object(s) of the Declaration MAGNETRON FOR S BAND RADAR
MAGNETRON FOR X BAND RADAR

4. The object(s) of the declaration described above is in conformity with the following documents:

<u>Document No.</u>	<u>Title</u>	<u>Edition/Date of Issue</u>
<u>MEPC.269(68)</u>	<u>Guidelines for the development of the Inventory of Hazardous Materials</u>	<u>2015/05/15</u>
<u>EU SRR</u>	<u>Regulation (EU) No 1257/2013</u>	<u>2013/11/20</u>
<u>EMSA</u>	<u>Best Practice Guide on the IHM</u>	<u>2016/10/28</u>

5. Additional Information _____

6. Signed for and on behalf of
Tracy
Qingdao
 Place and date of Issue

7. Mark Qu ,General Manager
 (Name, Function)

Mark Qu
 (Signature)



This SDoC is to be completed in accordance with IMO Resolution MEPC.269(68) and should be accompanied by one or more Material Declarations (MD)