

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	2024-11-25
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<MD identification number>

MD ID-No.	MD-HANA-2407-00358
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<Other information>

Remark 1	PM IMPERIAL
Remark 2	PO-IMPERIAL-24-158
Remark 3	

<Supplier (respondent) information>

Company name	HANA POWER SYSTEM SERVICE CO., LTD.
Division name	SPARE PARTS TEAM
Address	322 GONGDAN-RO, SEONGSAN-GU, CHANGWON-SI
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SDoC ID number	HANA-2407-00358

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
ME PISTON CROWN		01	PCS	

<Materials information>

This materials information shows the amount of hazardous materials contained in

Unit

(Unit: kg, m, m², 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			
		Methyl bromide		No			
		Bromochloromethane		No			
	Anti-fouling systems containing organotin compounds as a biocide	e.g. Tributyltin (TBT)	2500 mg total tin/kg	No			
		e.g. Triphenyl tins (TPTs)		No			
		e.g. Tributyltin oxide (TBTO)		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). Threshold values taken from the EMSA Best Practice Guidance on the Inventory of Hazardous Materials

*** Concentrations of PFOS above 10 mg/kg (0.001% by weight) when it occurs in substances or in preparations or concentrations of PFOS in semi-finished products or articles, or parts thereof equal to or above than 0.1% by weight calculated with reference to the mass of structurally or micro-structurally distinct parts that contain PFOS or for textiles or other coated materials, if the amount of PFOS is equal to or above than 1 µg/m² of the coated material.

[Click here](#) for a brief summary of why this form needs to be completed.

This MD is to be completed in accordance with IMO Resolution MEPC.269(68) and/or EU SRR 1257/2013. It should be accompanied by a Supplier's Declaration of Conformity (SDoC)

SUPPLIER'S DECLARATION OF CONFORMITY (SDoC)

Supplier's Declaration of Conformity for Material Declaration (MD) management

1	SDoC identification number	HANA-2407-00358	
2	Issuer's name	HANA POWER SYSTEM SERVICE CO., LTD.	
	Issuer's address	322 GONGDAN-RO, SEONGSAN-GU, CHANGWON-SI, GYEONGNAM, S.KOREA	
3	Object(s) of the declaration	HANA-2407-00358	
4	The object(s) of the declaration described above is in conformity with the following documents:		
	Document No.	Title	Edition/date of issue
5	MEPC.269(68)	Guidelines for the Development of the Inventory of Hazardous Materials	2015-05-15
	EU SRR	Regulation (EU) No 1257/2013	2013-11-20
	EMSA	Best Practice Guide on IHM	2016-10-28
	SR/CONF/45	Hong Kong International Convention	SR/CONF/45
6	Additional information		
7	Signed for and on behalf of		
	HANA POWER SYSTEM SERVICE CO., LTD.		
	(place and date of issue)	2024-11-25	
	DAEHWAN KIM		
	(name, function)		
		HANA POWER SYSTEM SERVICE <i>Nam Kyg, Kim</i> PRESIDENT	
		(signature)	

[Click here](#) for a brief summary of why this form needs to be completed.