

MATERIAL DECLARATION (MD)

<Date of declaration>

Date	11-05-2024
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<MD identification number>

ID-No.	MD-5402007-HAN-078/2024E
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<Other information>

Remark 1	5402007-HAN-078/2024E
Remark 2	
Remark 3	HANSIKA - OIL TANKER

<Supplier (respondent) information>

Company name	ISS MACHINERY SERVICE LIMITED
Division name	
Address	(Osaka) 6th floor, Yodoyabashi Square, 2-6-18, Kitahama, Chuo-ku OSAKA Japan
Contact person	
Telephone number	yabuuchi.kayo@iss-shipping.com
Fax number	
Email address	+81-6-6530-3830
SDoC ID number	SD-5402007-HAN-078/2024E

<Product information>

Product name	Product number	Delivered unit		Product information
		Amount	Unit	
DRIVE SHAFT 101 FOR GENERATOR F.O CIRCULATING PUMP		1		
DRIVE SHAFT N/A FOR MAIN ENGINE FUEL OIL SUPPLY PUMP		1		
DRIVEN SHAFT 102 FOR GENERATOR F.O CIRCULATING PUMP		1		
DRIVE GEAR 103 FOR GENERATOR F.O CIRCULATING PUMP		1		
DRIVEN GEAR 104 FOR GENERATOR F.O CIRCULATING PUMP		1		
BEARING METAL 201/1 FOR GENERATOR F.O CIRCULATING PUMP		2	PCS	
BEARING METAL N/A FOR GENERATOR F.O CIRCULATING PUMP		2		
BEARING METAL 201/2 FOR GENERATOR F.O CIRCULATING PUMP		4		
COUPLING RING 304 FOR GENERATOR F.O CIRCULATING PUMP		12		
MECHANICAL SEAL 520 FOR GENERATOR F.O CIRCULATING PUMP		2		
OIL SEAL 530 FOR GENERATOR F.O CIRCULATING PUMP		3		
GASKET 900 FOR GENERATOR F.O CIRCULATING PUMP		4		
GASKET 970 FOR GENERATOR F.O CIRCULATING PUMP		3		
GASKET 971 FOR GENERATOR F.O CIRCULATING PUMP		3		

<Materials information>

This materials information shows the amount of hazardous materials contained in

1	Unit
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 (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	Asbestos	Asbestos	0.1% *	NO		

(materials listed in appendix 1 of the Convention)	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	50 mg/kg	NO			
		Chlorofluorocarbons (CFCs)		NO			
		Halons		NO			
	Ozone Depleting Substance (ODS)	Other fully halogenated CFCs	No threshold value	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

This MD is to be completed in accordance with IMO Resolution MEPC.379(80) and should be accompanied by a Supplier's Declaration of Conformity (SDoC)



TAIKO KIKAI INDUSTRIES CO., LTD.

209-1 SHIMOTABUSE, TABUSE-CHO, KUMAGE-GUN, YAMAGUCHI-PREF. 742-1598 JAPAN

TEL: 81-820-52-3113

FAX: 81-820-53-1001

Declaration of IHM-compliance

Company name:	TAIKO KIKAI INDUSTRIES CO., LTD.	Telephone number :	81-820-52-3113
Address:	209-1 SHIMOTABUSE, TABUSE-CHO, KUMAGE-GUN, YAMAGUCHI-PREF.	Contact Person :	
Postcode:	742-1598	Email Address:	
Country:	JAPAN		

To whom it may concern

By the undersigned we hereby declare that :

In general, products supplied from us ,do not exceed threshold values for asbestos, PCB, ozone depleting substances, organotin, cadmium, hexavalent chromium, lead, mercury, polybrominated biphenyl(PBB), polybrominated diphenyl ethers(PBDE), polychlorinated naphtalenes, radioactive substances, shortcain chlorinated paraffins (Alkanes, C10-C13 chloro) , perfluorooctane sulfonic acid (PFOS) and brominated flame retardant (HBCDD) ref.EU SRR 1257/2013.However, the attached parts are excluded.

If any special case requires a product exceeding threshold values of above materials to be supplied, a separate SDoC and MD, will be issued in due course.

Date:		Place :	
Name of signatory:	Takashi Kawakami	Position:	Manager of Marine Design Dept.
Signature /Stamp			

List of harmful parts by Pump Model

Pump Model	Hazardous substance-containing parts
NHG	Gauge,Bearing Metal,Coupling,Gland
HHC-HHB-HHR	Gauge,Gland
HG	Gauge,Bearing Metal,Gland
VG	Gauge,Bearing Metal
NHGH	Gauge
OL	Bearing Metal
SL-SLW	Gauge,Grease Nipple
VLG	Bearing Metal,Coupling
MSB	Gauge,Balancing Cover,Bearing Bush,Grease Nipple,Grease Fitting
MSDK	Gauge,Grease Nipple
MSDK-MG	Gauge
MSE	Gauge,Balancing Cover,Rear Bearing Bush,Grease Nipple
MSH	Gauge,Balancing Cover,Rear Bearing Bush,Grease Nipple,Grease Fitting
MST	Gauge,Thrust Bearing
MSTE	Gauge,Thrust Bearing,Grease Nipple,Grease Fitting
TMC-TMV-TMS-EHC-EHS-EMC-EMS-EMD 2BF-2MF-C1T-C2T-CR-FMC-HC-3MT-FHCE	Gauge
CVC-ESC-ESD-EVC-HD-VS-VS-S-2MS	Gauge,Grease Nipple,Grease Fitting
EHCN-EMCN-EMSN-EMDN-FHCN-FMCN	Gauge,Vac.Pump
EHCV-E	Gauge,Vac.Pump,Engine
ESCN-ESDN-VSN	Gauge,Grease Nipple,Grease Fitting,Vac.Pump
VPT-UH	Gauge,Safety Valve
HNP	Gauge,Grease Nipple,Grease Fitting,Safety Valve
PD-LD	Gauge,Valve Assy,Gland,Cylinder Liner,Safety Valve,Piston
HPK	Gauge
USH-USC	Gauge,Valve,Stater,Heater,Reducing Valve
FOCAS	Valve
SBH-SBT	Gauge,Valve,UV LAMP
CSL	Gauge,Gauge valve,Gauge bush,Grease nipple,Fitting,Oil gauge,Valve guide