Material Declaration

<Date of declaration>

Date 2024/03/28

<MD ID Number>

Remark 1 Remark 2 Remark 3

<Other information>

MD ID no. MD_SHINKO_CNTPMP_KVL500-2_20240328

ACHELOUS

<Supplier (respondent) information>

	Company name	SHINKO IND.LTD.
	Division name	HEAD OFFICE
	Address	5-7-21,OHZU,MINAMI-KU,HIROSHIMA,JAPAN
	Contact person	YUJI SUGA
	Telephone number	+81-(0)82-508-1000
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	SDoC ID no.	SD_SHINKO_20231221

<Product Information>

Product name	Product number	Delivered unit		Product information	
Product name	Product number	Amount	Unit	Product information	
CENTRIFUGAL PUMP	KVL500-2	2	piece	CARGO OIL PUMP	

<Materials information>

This materials information shows the amount of hazardous materials contained in 1 piece (unit: piece, kg, m3, m2, m) of the product.

Table	Material name		Threshold value	Present above threshold value			If yes, information on where it is used
			value	Yes / No	Mass	Unit(g)	
		Asbestos	0.1%	No			
	Polychlori	inated biphenyls (PCBs)	50 mg/kg	No			
		Chlorofluorocarbons(CFCs)		No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
Table A	Ozone depleting substances	1,1,1-Trichloroethane (Methyl chloroform)	no threshold value	No			
(materials listed in		Hydrochlorofluorocarbons		No			
appendix 1 of the		Hydrobromofluorocarbons		No			
Convention)		Methyl bromide		No			
		Bromochloromethane		No			
		ystems containing organotin bounds as a biocide	2,500 mg total tin/kg	No			
	Anti-fouling sy	vstems containing cybutryne	1,000 mg/kg ²⁰	No			

Table	Material name	Threshold	Present above threshold value	If yes, material mass		If yes, information on where it is used
Table	wateriarname	value	Yes / No	Mass	Unit(g)	
	Cadmium and cadmium compounds	100 mg/kg	No			
	Hexavalent chromium and hexavalent chromium compounds	1,000 mg/kg	No			
Table B	Lead and lead compounds	1,000 mg/kg	No			
(materials listed in	Mercury and mercury compounds	1,000 mg/kg	No			
	Polybrominated biphenyl (PBBs)	50 mg/kg	No			
Convention)	Polybrominated diphenyl ethers (PBDEs)	1,000 mg/kg	No			
	Polychiorinated naphthalenes (more than 3 chlorine atoms)	50 mg/kg	No			
1	Radioactive substances	no threshold value	No			
	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%	No			

Materials required by "REGULATION (EU) No 1257/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 November 2013 on ship recycling and amending Regulation (EC) No 1013/2006

and Directive 2009/16/EC: The format for the following materials is subject to the modification according to any amendment or supplement of the regulation.

Table	Material name	Threshold	Present above threshold value	If yes, material	mass	If yes, information on where it is used
		value	Yes / No / NA	Mass	Unit(g)	
ANNEX I	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg (0.001% by weight*)	No			
ANNEX II	Brominated Flame Retardant (HBCDD)	100 mg/kg (0.01% by weight)	No			

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 1µg/m² of the coated material.

20 When samples are directly taken from the hull, average values of cybutryne should not be present above 1,000 mg of cybutryne per kilogram of dry paint.

Supplier's Declaration of Conformity for Material Declaration management

) 5	SDoC ID number:	SD_SHINKO	_20231221		_
2) I	ssuer's name:	SHINKO IND	LTD.		
Ι	ssuer's address:	5-7-21, Ohzu,	Minami-ku, Hiroshima	ı, Japan	
/	Object(s) of the	Centrifugal Pu	ımp	Gear Pum	р
C	declaration:	Piston Pump		Screw Pur	mp
		Tank Unit		Hand Purr	np
		Steam Turbine	2		
		Steam Ejector			
		Condenser			
		Heater			
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I <u>S</u> <u>N</u>	Document no.: SCM-101	Title: Chemical Subs Guidelines for the	stance Control Manual	Edition:	Date of issue: 2010.10.21
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I <u>S</u> <u>M</u> <u>H</u> (5) <i>A</i>	Document no.: SCM-101 MEPC.379(80) EU-SRR	Title: Chemical Subs Guidelines for the REGULATIO	stance Control Manual e development of the IHM	Edition:	Date of issue: 2010.10.21 2023.12.01
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