## **Material Declaration**

### <Date of declaration>

Date	2024/06/20
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#### <MD ID Number>

Remark 1 Remark 2 Remark 3

<Other information>

MD ID no. MD\_SHINKO\_TURBINE\_RX1\_20240620

DEMETER

#### <Supplier (respondent) information>

Company name	SHINKO IND.LTD.
Division name	HEAD OFFICE
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SDoC ID no.	SD_SHINKO_20231221

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#### <Product Information>

Breduct nome	Product number	Delivered	l unit	Product information	
Product name		Amount	Unit	Product information	
TURBINE	RX1	4	piece	CARGO OIL PUMP TURBINE	

#### <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, material mass		If yes, information on where it is used	
			value	Yes / No	Mass	Unit(g)		
	Asbestos		0.1%	No				
	Polychlorinated biphenyls (PCBs)		50 mg/kg	No				
		Chlorofluorocarbons(CFCs)		No				
		Halons		No				
		Other fully halogenated CFCs	no threshold value	No				
		Carbon tetrachloride		No				
Table A	substances	1,1,1-Trichloroethane (Methyl chloroform)		No				
(materials listed in		Hydrochlorofluorocarbons		No				
appendix 1 of the		Hydrobromofluorocarbons		No				
Convention)		Methyl bromide		No				
		Bromochloromethane		No				
	Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No				
	Anti-fouling systems containing cybutryne		1,000 mg/kg <sup>20</sup>	No				

Table	Material name	Threshold value	Present above threshold value	If yes, material mass		If yes, information on where it is used	
Table			Yes / No	Mass	Unit(g)	n yes, mornation on where it is used	
	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				
	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 value	Present above threshold value	If yes, material mass		If yes, information on where it is used	
			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/m<sup>2</sup> 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

1)		65 GUDUKO 20221221			
1)	SDoC ID number:	SD_SHINKO_20231221		_	
2)	Issuer's name:	SHINKO IND.LTD.			
	Issuer's address:	5-7-21, Ohzu, Minami-ku, Hiroshima, J	apan		
3)	Object(s) of the declaration:	Centrifugal Pump	Gear Pum	p	
		Piston Pump	Screw Pur	mp	
		Tank Unit	Hand Pump		
		Steam Turbine			
		Steam Ejector			
		Condenser			
		Heater			
4) 5)	•	e declaration described above is in confor	·	-	
5)	The company point	by on the management of the chemical su		products.	
	Document no.:	Title:	Edition:	Date of issue:	
	SCM-101	Chemical Substance Control Manual	1	2010.10.21	
	MEPC.379(80)	Guidelines for the development of the IHM		2023.12.01	
	EU-SRR	REGULATION (EU) No 1257/2013		2013.11.20	
6)	Additional information	ation :			
7)	Signed for and on	behalf of : SHINKO IND.LTD.			
	Hiroshima, Japan	2023/12/21			
	(Place of issue)	(Date of issue)			
	YUJI SUGA, <u>Assistant Manager of C</u> (Name, function)	Duality System Dept. (Signature)	. In	J.C.	