

Confirmation

Product identification: 3RA, 3RB, 3RE, 3RF, 3RG, 3RH, 3RK, 3RM, 3RN, 3RP, 3RQ, 3RR, 3RS, 3RT, 3RU, 3RV, 3RW, 3RX, 3SB, 3SE, 3SF, 3SK, 3SU, 3SX, 3TB, 3TC, 3TD, 3TS, 3TE, 3TF, 3TG, 3TH, 3TK, 3TX, 3TY, 3UA, 3UC, 3UF, 3UG, 3UL, 3US, 3UW, 3UX, 3MH, 3MT, 3MU, 3MV, 3VU, 3VS, 3ZY, 4AM, 4AN, 4AP, 4AT, 4AU, 4AV, 4AW, 4EP, 4EU, 5TT, 6ED, 6GK, 7PV, 8US, 8WD, 8WN, 8WU, 7UG, LZS, LZX

Manufacturer: Siemens AG, SI EP

Address: DE-92220 Amberg

Material Declaration "Green Passport"

This form is based on IMO Resolution MEPC. 269(68) Inventory of Hazardous Materials (Green Passport)

Product identification Produktbezeichnung	Product total mass Produktgesamtgewicht		Product Information Produktinformation
	Mass* Gewicht*	Unit Einheit	
see above	For exact masses per Product No. see Siemens Industry Mall (online ordering system)	kg	

Siemens Aktiengesellschaft
SI EP R&D CP
92220 Amberg

2020-12-10 Amberg
date of issue place

Material/Substance Information:

This materials information shows the amount of hazardous material contained in

1	Unit piece
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 (unit: piece, kg, m, m², m³, etc) of the product

Table	Material Name		Threshold Level	Internationally added above threshold level	If yes, Material Mass		If yes, Detailed Material Information
				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 substances	Chlorofluorocarbons (CFCs)	No threshold level	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon tetrachloride		No			
		1,1,1-Trichloroethane (Methyl chloroform)		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
		Methyl bromide		No			
		Bromochloromethane		No			
	Anti-fouling systems containing organotin compounds as a biocide		2500 mg total tin/kg	No			

Table	Material Name		Threshold Level	Internationally added above threshold level	If yes, Material Mass		If yes, Detailed Material Information
				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	Yes			RoHS compliant; Pb might appear as defined in the exemptions of Annex III and IV of the EU Directive 2011/65/EU
	Mercury and mercury compound		1000 mg/kg	No			
	Polybrominated biphenyl (PBBs)		50 mg/kg	No			
	Polybrominated diphenyl ethers (PBDEs)		1000 mg/kg	No			
	Polychlorinated naphthalenes (more than 3 chlorine atoms)		50 mg/kg	No			
	Radioactive Substances		No threshold level	No			
	Certain shortchain chlorinated paraffins		1%	No			

Annex II*** (Additional materials)	Perfluorooctane sulfonic acid (PFOS)	10 mg/kg****	No			
	Flame Retardant (HBCDD)	100 mg/kg	No			

*Please refer to footnote 18 on the "Form of Material Declaration" in the IMO Guidelines Resolution MEPC.269(68).
 **Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (SR/CONF/45).
 ***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 EMSA's Best Practice Guidance on the Inventory of Hazardous Materials, dated 2016-10-28
 ****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.