

SUPPLIER'S DECLARATION OF CONFORMITY

Supplier's Declaration of Conformity for Material Declaration Management

SDoC identification number 83030349_SDoC
Issuer's name MAN Energy Solutions
Teglholmegade 41
DK-2450 COPENHAGEN SV
Object(s) of the declaration Spare Parts

The object(s) of the declaration described above is in conformity with the following

Document No.	Title	Edition/date of issue
EU No. 1257/2013	Materials to be listed to fulfil the European Union Ship Recycling Regulation (EU SRR).	November 2013
MEPC.269(68)	Guidelines for the Development of the Inventory of Hazardous Materials	May 2015

Additional information Your Reference:5106029-AND-051/2024E_SP2411136
Vessel Name: ANDREI TITOV IMO number: 974661

Signed for and on behalf of MAN Energy Solutions

Christian Rasmussen
Classification Department



DK-2450 COPENHAGEN SV,
2024-03-27

Material Declaration

Date	2025-03-03	Customer Ref	5106029-AND-0010/2024E-0001 SP2409169
		SDoC number	83030349_SDoC
		MD number	83030349_MD_ZERO
Company Name	MAN Energy Solutions	Contact Person	Christian Rasmussen
Division Name	Classification	Telephone No.	+45 3385 1100
Address	Teglholmegade 41, 2450 Copenhagen SV	E-mail Address	Classification2S@man-es.com
Country	Denmark		

Product Name	Part or drawing number (MAN)	Delivered Unit		Remark
		Quantity	Unit	
		See list page 2		

Table	Materials Name		Threshold Value	Present above threshold value	If yes, Material Mass		If yes, Detailed Material Information
				Yes/No	Mass	Unit	
Table A ** Listed in Appendix 1 of the Convention)	Asbestos	Asbestos *	1 %	No			
	Polychlorinated Biphenyls (PCBs)	Polychlorinated Biphenyls (PCBs)	50 mg/kg	No			
	Ozon depleting substance	Chlorofluorocarbons (CFCs)	no threshold value	No			
		Halons		No			
		Other fully halogenated CFCs		No			
		Carbon Tetrachloride		No			
		1,1,1 - Trichlorethane (Methylchloroform)		No			
		Hydrochlorofluorocarbons		No			
		Hydrobromofluorocarbons		No			
	Organotin Compounds	Tributyl Tins	2500 mg/kg	No			
		Triphenyl Tins		No			
		Tributyl Tins Oxide (TBTO)		No			
EU SRR ***	Perfluorooctane sulfonic acid (PFOS) **** **	10 mg/kg	No				

Table	Material	Threshold Value	Present above threshold value	If yes, Substance Mass		If yes, Detailed Substance Information
			Yes/No	Mass	Unit	
Table B ** Listed in Appendix 1 of the Convention)	Cadmium and Cadmium Compounds	100 mg/kg	No			
	Hexavalent Chromium Compounds ****	1000 mg/kg	N/A			
	Lead and Lead Compounds ****	1000 mg/kg	N/A			
	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			
EU SRR II ***	Brominated flame retardant (HBCDD)	100 mg/kg	No			

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*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) MEPC 269(68).

***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

*****Excepted according to MEPC.269(68) chapter 3.3.

Material Declaration

Date 2025-03-03

Customer Ref 5106029-AND-O010/2024E-O001_SP2409169

SDoC number 83030349_SDoC

MD number 83030349_MD_ZERO

Product Name	Part or drawing number (MAN)	Delivered Unit		Remark
		Quantity	Unit	
Main bearing shell 2/2, Miba Item No. 51101-21-241 FOR AE1 DECARB		10	pcs	
Thrust bearing ring, Miba Item No. 51101-21-253 FOR AE1 DECARB		2	pcs	
Connecting rod bearing 2/2 Item No. 50604-02-003 FOR AE1 DECARB		8	pcs	
Bush for connecting rod Item No. 50603-02-008 FOR AE1 DECARB		1	pcs	
Kit for renewal of piston rings, incl Item 093, 103, and 127 (Genuine required) Item No. 51706-03-024 FOR AE1 DECARB		8	pcs	
Packing ring Item No. 51202-10-181 FOR AE1 DECARB		10	pcs	
O-ring Item No. 50501-27-064 FOR AE1 DECARB		16	pcs	
Cirdlip Item No. 50502-18-095 FOR AE1 DECARB		16	pcs	
Bearing bush Item No. 50502-18-046 FOR AE1 DECARB		2	pcs	
Kit for cylinder unit, complete Item No. 51704-20-021 FOR AE1 DECARB		8	pcs	
O-ring Item No. P51501-25-018 FOR AE1 DECARB		6	pcs	
Cylindrical pin Item No. P51501-25-055 FOR AE1 DECARB		1	pcs	
Screw Item No. P51501-25-067 FOR AE1 DECARB		4	pcs	
Washer Item No. P51501-25-209 FOR AE1 DECARB		4	pcs	
Lock ring Item No. P51501-25-222 FOR AE1 DECARB		1	pcs	
Spring plate Item No. P51501-25-234 FOR AE1 DECARB		1	pcs	
Pressure spring Item No. P51501-25-246 FOR AE1 DECARB		1	pcs	
Valve body Item No. P51501-25-258 FOR AE1 DECARB		1	pcs	
Screw Item No. P51501-25-199 FOR AE1 DECARB		1	pcs	
Disc Item No. P51501-25-187 FOR AE1 DECARB		1	pcs	
Screw Item No. P51501-25-114 FOR AE1 DECARB		5	pcs	
Bush Item No. P51501-25-102 FOR AE1 DECARB		4	pcs	
Expander Item No. P51501-25-210 FOR AE1 DECARB		1	pcs	
Screw Item No. 51229-02-410 FOR AE1 DECARB		16	pcs	
Lock washer Item No. 51229-02-040 FOR AE1 DECARB		16	pcs	
Screw Item No. 51229-02-039 FOR AE1 DECARB		4	pcs	
Screw Item No. 51630-04-045 FOR AE1 DECARB		8	pcs	
Screw Item No. 51630-04-165 FOR AE1 DECARB		32	pcs	
Lock washer Item No. 51630-04-069 FOR AE1 DECARB		40	pcs	
Seal ring Item No. 51404-18-010 FOR AE1 DECARB		10	pcs	
Seal ring Item No. 51404-18-022 FOR AE1 DECARB		20	pcs	
Seal ring Item No. 51404-18-046 FOR AE1 DECARB		20	pcs	
Screw Item No. 51404-18-058 FOR AE1 DECARB		16	pcs	
Seal ring Item No. 51435-13-049 FOR AE1 DECARB		34	pcs	
Support ring Item No. 51435-13-062 FOR AE1 DECARB		30	pcs	
Seal ring Item No. 51435-13-145 FOR AE1 DECARB		40	pcs	
Seal ring Item No. 51435-13-253 FOR AE1 DECARB		40	pcs	
Seal ring Item No. 51435-13-403 FOR AE1 DECARB		16	pcs	
Retaining ring Item No. 51435-13-559 FOR AE1 DECARB		16	pcs	

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*****Excepted according to MEPC.269(68) chapter 3.3.

Material Declaration

O-RING Item No. 50501-27-196 FOR AE1 DECARB		16	pcs	
Main bearing shell 2/2, Miba Item No. 51101-21-241 FOR AE1 DECARB		10	pcs	
Thrust bearing ring, Miba Item No. 51101-21-253 FOR AE1 DECARB		2	pcs	
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Bush for connecting rod Item No. 50603-02-008 FOR AE1 DECARB		1	pcs	
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Packing ring Item No. 51202-10-181 FOR AE1 DECARB		10	pcs	
O-ring Item No. 50501-27-064 FOR AE1 DECARB		16	pcs	
Circlip Item No. 50502-18-095 FOR AE1 DECARB		16	pcs	
Bearing bush Item No. 50502-18-046 FOR AE1 DECARB		2	pcs	
Kit for cylinder unit, complete Item No. 51704-20-021 FOR AE1 DECARB		8	pcs	
O-ring Item No. P51501-25-018 FOR AE1 DECARB		6	pcs	
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Screw Item No. P51501-25-067 FOR AE1 DECARB		4	pcs	
Washer Item No. P51501-25-209 FOR AE1 DECARB		4	pcs	
Lock ring Item No. P51501-25-222 FOR AE1 DECARB		1	pcs	

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