

ab 2013 zur Förderung beantragte und anerkannte emissionsarme Dieselmotoren nach Nr. 2.1.2a) der Förderrichtlinie, mit Unterschreitung des Partikelgrenzwertes der Stufe II Anhang II § 8a.02 der Binnenschiffsuntersuchungsordnung oder der vergleichbaren Grenzwerte der Binnenschiffs-Abgasemissionsverordnung um 30 %.

Stand: 8. März 2017

Lfd. Nr.	Motorenhersteller	Motorentyp	Nennleistung [kW]	Nenn-drehzahl [1/min]	Typgenehmigungsnummer RheinSchUO, EG-Richtlinie
1	Sisu Diesel Inc.	74.559 CTIM-4V	235,0	2.200	R1*II*E3*0073*00
	Sisu Diesel Inc.	49.555 CTIM-4V	133,0	2.200	R1*II*E3*0073*00
	Sisu Diesel Inc.	66.557 CTIM-4V	192,0	2.200	R1*II*E3*0073*00
	Sisu Diesel Inc.	66.557 CTIM-4V	192,0	2.200	e1*97/68VC*2004/26*0028*00
2	Iveco / FPT S.p.A.	F4HE0485B*J	100,0	1.500	e11*97/68IB*2010/26*2501*00
	Iveco / FPT S.p.A.	F4GE9685C*J	129,0	1.500	e3*97/68IB*2004/26*1060*00
	Iveco / FPT S.p.A.	F4GE0686D*E	132,0	2.500	e1*97/68VC*2004/26*0002*00
	Iveco / FPT S.p.A.	F4GE0686C*E	169,0	2.800	e1*97/68VC*2004/26*0002*00
	Iveco / FPT S.p.A.	F4AE0686D*F	198,0	3.000	e1*97/68VC*2004/26*0006*00
	Iveco / FPT S.p.A.	F4HE0686D*E	257,0	3.000	e1*97/68VC*2004/46*0012*00
	Iveco / FPT S.p.A.	F3BE0686C/D*G	323,0	2.000	e1*97/68VC*2004/26*0008*00
	Iveco / FPT S.p.A.	F3BE0686C/D*F/L	367,0	2.000	e1*97/68VC*2004/26*0043*00
3	KMD (Koning Milieu Diesel)	WS 315.2	242,0	1.800	R4*II*C1D2E2E3*0063*00
	KMD (Koning Milieu Diesel)	WS 350.2	268,0	1.800	R4*II*C1D2E2E3*0063*00
	KMD (Koning Milieu Diesel)	WS 400.2	295,0	1.800	R4*II*C1D2E2E3*0063*00
	KMD (Koning Milieu Diesel)	WS 430.2	315,0	1.800	R4*II*C1D2E2E3*0063*00
	KMD (Koning Milieu Diesel)	S14 450.2	345,0	1.900	R4*II*C1D2E2E3*0046*00 (nicht E2)
	KMD (Koning Milieu Diesel)	XF 510.2	355,0	2.000	R4*II*C1D2E2E3*0047*00 (nicht E2)
4	Hatz, Motorenfabrik GmbH & Co KG	4M41	34,0	1.500	e1*97/68DA*2010/26KA*0397*02
	Hatz, Motorenfabrik GmbH & Co KG	2L41C	12,0	1.500	e1*97/68DA*2010/26KA*0397*02
	Hatz, Motorenfabrik GmbH & Co KG	3L41C	23,0	1.500	e1*97/68DA*2010/26KA*0397*02
	Hatz, Motorenfabrik GmbH & Co KG	4L41C	30,0	1.500	e1*97/68DA*2010/26KA*0397*02
	Hatz, Motorenfabrik GmbH & Co KG	4L41C	47,0	2.300	R1*II*E3*0092*00
5	AB Volvo Penta	D5A-BTA	89,0	1.900	R4*II*C1E2E3*0703*00
	AB Volvo Penta	D5A-BTA	89,0	1.900	e1*97/68VC*2004/26*0027*00
	AB Volvo Penta	D5A-BTA	92,0	1.500	R4*II*C1E2E3*0703*00
	AB Volvo Penta	D5A-BTA	118,0	2.300	R4*II*C1E2E3*0703*00
	AB Volvo Penta	D5A-BTA	118,0	2.300	e1*97/68VC*2004/26*0027*00
	AB Volvo Penta	D7A/C-BTA	130,0	1.900	R4*II*C1E2E3*0701*00
	AB Volvo Penta	D7A/C-BTA	130,0	1.900	e1*97/68VC*2004/26*0025*00
	AB Volvo Penta	D7A-BTA	139,0	1.500	R4*II*D2*0702*03
	AB Volvo Penta	D7C-BTA	146,0	1.900	R4*II*C1E2E3*0701*00
	AB Volvo Penta	D7C-BTA	146,0	1.900	e1*97/68VC*2004/26*0025*00
	AB Volvo Penta	D7A-BTA	148,0	2.300	R4*II*C1E2E3*0701*00
	AB Volvo Penta	D7A-BTA	148,0	2.300	e1*97/68VC*2004/26*0025*00
	AB Volvo Penta	D7C-BTA	182,0	2.100	R4*II*C1E2E3*0701*00

	AB Volvo Penta	D7C-BTA	182,0	2.100	e1*97/68VC*2004/26*0025*00
	AB Volvo Penta	D7C-BTA	195,0	2.300	R4*II*C1E2E3*0701*00
	AB Volvo Penta	D7C-BTA	195,0	2.300	e1*97/68VC*2004/26*0025*00
	AB Volvo Penta	D9A2 A/C/E/G/J MH	261,0	1.800	e1*97/68VC*2004/26*0010*03
	AB Volvo Penta	D9A2 A/C/E/G/J MH	261,0	2.200	e1*97/68VC*2004/26*0010*03
	AB Volvo Penta	D13B-E/N MH	294,0	1.800	R1*II*E3E2D2*0091*02
	AB Volvo Penta	D13B-E/N MH	331,0	1.800	R1*II*E3E2D2*0091*02
	AB Volvo Penta	D13B-E/N MH	404,0	1.900	R1*II*E3E2D2*0091*02
	AB Volvo Penta	D13B-E/N MH	294,0	1.800	e1*97/68VC*2004/26*0044*04
	AB Volvo Penta	D13B-E/N MH	331,0	1.800	e1*97/68VC*2004/26*0044*04
	AB Volvo Penta	D13B-E/N MH	404,0	1.900	e1*97/68VC*2004/26*0044*04
	AB Volvo Penta	D16C-A/B/C/D MH	404,0	1.800	R1*II*E2E3C1*0058*04
	AB Volvo Penta	D16C-A/B/C/D MH	551,0	1.900	R1*II*E2E3C1*0058*05
	AB Volvo Penta	D16C-A/B/C MH	404,0	1.800	e1*97/68VC*2004/26*0015*04
6	Wärtsila Netherlands B.V.	S/BV 6M 628	1170,0	900	R1*II*E2E3*0014*01
7	Mitsubishi Heavy Industries, Ltd.	S12A2-Z3MPTAW	701,0	1.940	e11*97/68V1:4*2004/26*1066*01
	Mitsubishi Heavy Industries, Ltd.	S12R-Z3MPTAW-3	940,0	1.600	e11*97/68V1:4B*2004/26*0804*03
	Mitsubishi Heavy Industries, Ltd.	S12R-Z3MPTAW-2	1040,0	1.650	e11*97/68V1:4B*2004/26*0804*03
	Mitsubishi Heavy Industries, Ltd.	S16R-Z3MPTAW-3	1250,0	1.600	e11*97/68V1:4B*2004/26*0804*03
	Mitsubishi Heavy Industries, Ltd.	S4S-DT	36,0	1.500	e11*97/68KA*2010/26*1453*00
8	YANMAR CO., LTD.	3TTGP / 4TNV98T-ZGGE	51,0	1.800	e13*97/68JA*2004/26*0593*01
	YANMAR CO., LTD.	3TTGA / 4TNV98T-ZGGE	42,0	1.500	e13*97/68JA*2004/26*0593*01
	YANMAR CO., LTD.	XTNEP / 4TNV98-IGEHR	35,0	1.500	e13*97/68KA*2012/46*0769*01
9	John Deere	3029TFU80	31,0	1.500	e11*97/68KB*2010/26*1234*00
	John Deere	3029TFG89	31,0	1.500	e11*97/68KB*2010/26*1234*00
	John Deere	4045HFG81	61,0	1.500	e11*97/68JB*2010/26*1576*00
	John Deere	4045HFU81	61,0	1.500	e11*97/68JB*2010/26*1576*00
	John Deere	4045HFU82B	83,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	4045HFG82B	83,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	4045HFG82C	103,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	4045HFU82C	103,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	4045HFG82A	123,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	4045HFG/U82F	123,0	1.500	e11*97/68IB*2010/26*1232*00
	John Deere	6068TFM75	133,0	2.500	e11*97/68VC*2004/26*0607*02
	John Deere	6068TFM75	150,0	2.600	e11*97/68VC*2004/26*0607*02
	John Deere	6068HFU82	153,0	1.500	e11*97/68HB*2010/26*1233*00
	John Deere	6068HFG82	153,0	1.500	e11*97/68HB*2010/26*1233*00
	John Deere	6068HFG82	202,0	1.500	e11*97/68HB*2010/26*1233*00
	John Deere	6068HFU82	202,0	1.500	e11*97/68HB*2010/26*1233*00
	John Deere	6068HFG82	203,0	1.500	e11*97/68HB*2010/26*1233*00
	John Deere	6090AFM75A	213,0	2.100	e11*97/68VC*2010/26*1494*01

	John Deere	6090AFM75C	280,0	2.300	e11*97/68VC*2010/26*1494*01
	John Deere	6135AFM75	317,0	1.900	e11*97/68VC*2010/26*1495*00
	John Deere	6135AFM75	429,0	2.100	e11*97/68VC*2010/26*1495*00
	John Deere	6135AFM85	373,0	2.000	e11*97/68VC*2012/46*2840*00
	John Deere	6135AFM85	429,0	2.100	e11*97/68VC*2012/46*2840*00
10	MAN Truck & Bus	D2866LXE40	190,0	1.800	e1*97/68VC*2004/26*0017*02
	MAN Truck & Bus	D2866LXE47	221,0	1.800	e1*97/68VC*2004/26*0017*02
	MAN Truck & Bus	D2866LXE40	279,0	1.800	e1*97/68VC*2004/26*0017*02
11	MTU Friedrichshafen GmbH	12V 4000 M60	1320,0	1.800	R1*II*E2E3*0068*01
	MTU Friedrichshafen GmbH	12V 2000 M60/M61	600,0	1.800	R1*II*E2E3*0078*02
12	Wärtsilä Finland Oy	W6L20	1176,0	1.000	R1*II*E3*0090*02
13	Caterpillar Inc.	C9.3 4150858/4150862	270,0	1.500	R1*II*E2D2C1*0111*00
	Caterpillar Inc.	C18	357,0	1.800	e1*97/68VC*2004/26*0011*04
	Caterpillar Inc.	C18	447,0	1.800	e1*97/68VC*2004/26*0011*04
	Caterpillar Inc.	C32	559,0	1.800	e1*97/68VC*2004/26*0019*07
	Caterpillar Inc.	C32	634,0	1.800	e1*97/68VC*2004/26*0019*06
	Caterpillar Inc.	C32	895,0	2.000	e1*97/68VC*2012/46*0019*08
	Caterpillar Inc.	C32	895,0	2.100	e1*97/68VC*2004/26*0019*06
	Caterpillar Inc.	3508C	783,0	1.600	e1*97/68VC*2004/26*0007*06
	Caterpillar Inc.	3508C	820,0	1.600	e1*97/68VC*2004/26*0007*08
	Caterpillar Inc.	3512C	1051,0	1.600	e1*97/68VC*2004/26*0007*08
	Caterpillar Inc.	3512C	1118,0	1.600	e1*97/68VC*2004/26*0007*07
	Caterpillar Inc.	3512C	1118,0	1.800	e1*97/68VC*2004/26*0007*06
	Caterpillar Inc.	3512C	1175,0	1.800	e1*97/68VC*2004/26*0007*06
14	Deutz AG	BF4M1013MC	89,0	1.900	R4*II*C1E2E3*0703*00
	Deutz AG	BF4M1013MC	102,0	2.300	R4*II*C1E2E3*0703*00
	Deutz AG	BF4M1013MC	92,0	1.500	R4*II*D2*0702*03
	Deutz AG	BF6M1013MC	139,0	1.500	R4*II*D2*0702*02
	Deutz AG	BF6M1013MC	146,0	1.500	R4*II*D2*0702*03
	Deutz AG	D7A-BTA	139,0	1.500	R4*II*D2*0702*03
	Deutz AG	BF6M1013MC	130,0	1.900	R4*II*C1E2E3*0701*00
	Deutz AG	BF6M1013MC	148,0	2.300	R4*II*C1E2E3*0701*00
	Deutz AG	BF6M1013MCP	145,0	1.900	R4*II*C1E2E3*0701*00
	Deutz AG	BF6M1013MCP	169,0	1.900	R4*II*C1E2E3*0701*00
	Deutz AG	BF6M1013MCP	182,0	2.100	R4*II*C1E2E3*0701*00
	Deutz AG	D7A-BTA	130,0	1.900	R4*II*C1E2E3*0701*00
	Deutz AG	D7A-BTA	148,0	2.300	R4*II*C1E2E3*0701*00
	Deutz AG	D7A-BTA	130,0	1.900	e1*97/68VC*2004/26*0025*00
	Deutz AG	D7A-BTA	148,0	2.300	e1*97/68VC*2004/26*0025*00
	Deutz AG	BF6M1015MC	221,0	1.800	R4*II*C1E2E3*0704*04
	Deutz AG	BF6M1015MC	285,0	1.800	R4*II*C1E2E3*0704*04

	Deutz AG	BF8M1015MC	383,0	1.900	R4*II*C1E2E3*0704*02
	Deutz AG	BF8M1015MC	440,0	2.100	R4*II*C1E2E3*0704*02
	Deutz AG	TCD2015V08M	390,0	1.800	R4*II*C1E2E3*0706*02
	Deutz AG	F4M2011	30,9	1.500	e1*97/68KA*2010/26*0619*01
	Deutz AG	D2011L04i	29,1	1.500	e1*97/68KA*2010/26*0619*01
15	Scania CV AB	DI13 71M	368,0	1.800	e1*97/68VC*2004/26*0045*00
	Scania CV AB	DI09 070M	184,0	1.800	e5*97/68VC*2012/46*0171*00
	Scania CV AB	DI09 070M	221,0	1.800	e5*97/68VC*2012/46*0171*00
	Scania CV AB	DI09 070M	257,0	1.800	e5*97/68VC*2012/46*0171*00
	Scania CV AB	DI16 070M	405,0	1.800	e4*97/68VC*2010/26*0329*00
	Scania CV AB	DI16 070M	552,0	1.800	e4*97/68VC*2010/26*0329*00
	Scania CV AB	DC16 40A	420,0	2.100	R4*II*C1*0604*00
	Scania CV AB	DI16 080M	460,0	1.800	R4*II*C1D2E2E3*0611*02
16	Perkins Engines Company Ltd	1104D-44TG	57,6	1.500	e11*97/68JB*2010/26*1773*00
	Perkins Engines Company Ltd	1104D-44TG	64,0	1.500	e11*97/68JB*2010/26*1773*00
17	Cummins Inc.	QSK38-M	969,0	1.600	e11*97/68VC*2004/26*0618*01
	Cummins Inc.	QSK38-M	969,0	1.800	e11*97/68VC*2004/26*0618*01
	Cummins Inc.	QSK38-M	1044,0	1.600	e11*97/68VC*2004/26*0618*01
	Cummins Inc.	QSK19-M	559,0	1.800	e11*97/68VC*2004/26*0618*01
	Cummins Inc.	QSL9-M	302,0	2.100	e11*97/68VC*2004/26*1244*00
	Cummins Inc.	QSL9-M	209,0	1.800	e11*97/68VC*2004/26*1244*00
18	MTH	XF250.2	250,0	1.800	R4*II*C1D2E2E3*0065*00
	MTH	XF355.2	315,0	1.800	R4*II*C1D2E2E3*0065*00
19	Anglo Belgian Corporation (ABC)	6DZC	1324,0	1.000	R6*II*E2E3*0001*01
	Anglo Belgian Corporation (ABC)	6DZC	1105,0	800	R6*II*E2E3*0002*01
20	Weifang Weichai Deutz Diesel Eng. Co., Ltd	WP4C120-18	88,0	1.800	R4*II*E2E3*0083*00
21	Ishikawajima Shibaura Machinery Co. Ltd.	Perkins 404D-22	20,6	1.500	e11*97/68KA*2004/26*0771*04