

COP Annexure-I

Criteria*	COP Required
RECD Manufacturer/Importer/Retrofitter	RECDs fitted on engines of all ratings shall be subjected to the verification of CoP once for every 500 units per family or once a year, whichever is earlier Wherever applicable, RECDs fitted on engines of all ratings of engines shall be subjected to the verification of PCD once every CoP-year by PCD family (ies) representative RECD(s). Such demonstration is PCD family dependent and irrespective of combined volumes produced and sold under such family (ies)

* As Applicable

Annexure-II

S No	Item Description	Parent RECD Type	RECD types within the RECD family (if applicable)	
		Type 1	Type 2	
1	Manufacturing Plant address	M/s Platino Automotive Pvt. Ltd., 3/1, Nadesan Nagar, Ayanambakkam, Thiruvallur, Tamil Nadu, 600095		
2	Manufacturer's trade name or mark	M/s Platino Automotive Pvt. Ltd.		
3	RECD family designation	R3		
4	RECD type/model designation	CA02NB-HF	CP01NB-HF	
5	RECD Category (Domestic/Imported)	Domestic		
6	Class of RECD	Class II		
7	Type Identification of the RECD	Continuous		
8	Location of type ID marking	Refer Specification no. CA02NB-HF-1005 dtd. 24/01/2025 Clause no 1.8		
9	Identifying part number(s) of the RECD	23M2024	23M2024	
10	Engine/ Engine Family for which the RECD is intended (application range)	Tested Engine Model: 6CTAA-8.3-G4 Applicable Range: 128.2kW to 231kW (Refer Annexure-III)		
11	PM Reduction Efficiency of the RECD	93.40%		
12	Designed for fitment to an engine meeting the emissions requirements of (Regulation and Stage):	CPCB Stage -I		
ICAT Ref No.		2024-1412; IOCS No: 181555		
Base Engine Type Approval Certificate number		ARAI/MOEF/DGTA/CIL-F17/2004-25		
Test Report Reference		CT0EU 0068 dt. 06/02/2025		
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List of applicable engine(s) as per GSR 371(E) dtd. 17.05.2002, GSR 520(E) dtd. 01.07.2003 and GSR 448(E) dtd. 12.07.2004 certified In -Use DG sets for corresponding RECD models of RECD Family.

S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
1	Cummins India Ltd, Pune	F1	6CT 8.3-G2-I	130.8 kW	ARAI/MOEF/DGTA/CIL-F1/2003-005 dt.28-03-2003
2	Cummins India Ltd, Pune	F2	6CTA-8.3-G1-I	148.4 kW	ARAI/MOEF/DGTA/CIL-F2/2003-006 dt. 30-03-2003
3			6CTA-8.3-G2-I	163 kW	
4			6CTAA-8.3-G1-I	183 kW	
5	Ashok Leyland Ltd., Chennai	F26	AL8NTIG2	163 kW	ARAI/MoEF/DGTA/ALL-F26/2013-047,dt 11-07-2013
6	Greaves Ltd, Ch'wad, Pune	F12	TBD2V6 MK-I	145.8 kW	ARAI/MOEF/DGTA/GLP-F12/2003-22 dt 26-06-2003
7	KOEL, PUNE	F7	6SL9088TA1	129.8 kW	ARAI/MOEF/DGTA/KOEL-F7/2003-29 dt 03-09-2003
8			6SL9088TA	145.72 kW	
9	Cummins India Ltd., Kothrud, Pune	F7	NT-14-61	208.8 kW	ARAI/MOEF/DGTA/CIL-F7/2003-33 dt 04-12-2003
10			NT-14-62	228 kW	
11	Cummins India Ltd., Kothrud, Pune	F9	NT-14-G3	208.8 kW	ARAI/MOEF/DGTA/CIL-F9/2003-35 dt 04-12-2003
12			NT-14-G4	228 kW	
13			NT-14-F5	254 kW	
14	Greaves Cotton Ltd, Pune	F13	TBD3V6 MK-1	176 kW	ARAI/MOEF/DGTA/GCLP-F13/2003-40 dt 31-12-2003
15			TBD3V6	169 kW	
16			TBD3V8	230.2 kW	
17	KOEL, Pune	F8	6SL1500TAI	164.1 kW	ARAI/MOEF/DGTA/KOEL-F8/2003-42 dt 24-01-2004
18			6SL1500TA	181 kW	
19	Mahindra Navistar Engines Pvt. Ltd., Pune, Maharashtra - 412111	F9	MaxxForce 7.2 P Mech CPCB II 160 KVA	146.13 kW	ARAI/MoEF/DGTA/MNEPL-F9/2013-0,dt 01-03-2013
20			MaxxForce 7.2 P Mech CPCB II 125 KVA	114.7 kW	
21	Cummins India Ltd., Pune	F17	6CTAA8.3-G4	231.2 kW	ARAI/MOEF/DGTA/CIL-F17/2004-025 dt 17-06-2004
22	Ashok Leyland Ltd., Chennai	F27	AL11TA G2	178.8 kW	ARAI/MoEF/DGTA/ALL-F27/2013-057,dt 23-10-2013
23			AL11TA G1	163 kW	
24	HPL, Hosur	F1	3306DITA-GS-2	203 kW	ARAI/MOEF/DGTA/HPL-F1/2004-029 dt 28-07-2004
25			3306DITA-GP-2	184 kW	
26			3306DITA-GS-1	179 kW	
27			3306DITA-GP-1	163 kW	
28	HPL, Hosur	F2	3306DITA-GP-4	228 kW	ARAI/MOEF/DGTA/HPL-F2/2004-030 dt 28-07-2004
29			3306DITA-GS-3	224 kW	
30			3306DITA-GP-3	203 kW	
31			3306DITA-GP-3	203 kW	

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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
32	BEML, Mysore	F3	BSA6D125G1	174 kW	ARAI/MOEF/DGTA/BEML-F3/2004-036 dt 11-08-2004
33			BSA6D125G2	194 kW	
34			BSA6D125G3	203 kW	
35			BSA6D125G4	215 kW	
36	Kirloskar Oil Engines Ltd., Khadki, Pune	F11	6SL8800TASRI	173.3 kW	ARAI/MOEF/DGTA/KOEL-F11/2004-052 dt 29-10-2004
37			6SL8800TASRI	254 kW	
38	Cummins India Ltd., Daman	F18	6BTAA5.9G1I	125.2 kW	ARAI/MOEF/DGTA/CIL-F18/2004-056 dt 27-11-2004
39	Cummins India Ltd., Pune	F19	NT-855-G5-I	228.2 kW	ARAI/MOEF/DGTA/CIL-F19/2004-057 dt 27-11-2004
39	Avtec Limited, Sector-III, Sagore, Pithampur Industrial Area, Dist. Dhar (M.P.) 454 774 & M/s. Avtec Limited, Plot No. 1& 2, Sector B, Nimpura Industrial Estate, Kharagpur - 721301	F9	AGDH7012515	127 kW	ARAI/MOEF/DGTA/AVTEC-F10/2013-021,dt 06-03-2013
					ARAI/MOEF/DGTA/AVTEC-F10/2013-021,dt 06-03-2014
40	Greaves Cotton Ltd., Pune	F16	TBD4L4	144 kW	ARAI/MOEF/DGTA/GCLP-F16/2004-065 dt 15-11-2004
41			TBD4V6 TBD4V8	222.86 kW	
42			TBD4IV12	222.86 kW	
43	Kirloskar Oil Engines Ltd., Khadki, Pune	F15	6K1080TAG	128 kW	ARAI/MOEF/DGTA/KOEL-F15/2005-14 dt 31-03-2005
44			6K1080TAG SR1	147 kW	
45	Volvo, Bangalore	F3	TAD940GE	241 kW	ARAI/MOEF/DGTA/VOLVO-F3/2005-17 dt 03-03-2005
46	Volvo, Bangalore	F4	TAD740GE	220 kW	ARAI/MOEF/IMP/DGTA/VOLVO-F4/2005-18, dt 01-06-2005
47			TWD740GE	181 kW	
48	BEML, Mysore	F5	BSA6D140G1	245 kW	ARAI/MOEF/DGTA/BEML-F5/2005-19 dt 01-06-2005
49			BSA6D140G2	275 kW	
50	Greaves Cotton Ltd., Pune	F12	TBD2V6MKI	144.8 kW	ARAI/MOEF/DGTA/GCLP-F12/2005-24 dt 05-09-2005
51			TBD2V8MK	186.08 kW	
52			TBD2V12MKI	275.81 kW	
53			TBD2V12	245.65 kW	
54	Kirloskar Oil Engines Ltd., Khadki, Pune	F17	6SL9088TAI	130 kW	ARAI/MOEF/DGTA/KOEL-17/2005-27 dt 21-10-2005
55			6SL9088TA	147 kW	
56	Kirloskar Oil Engine Limited, Khadki, Pune.	F113	6K1080TA G2	147 kW	ARAI/MoEF/DGTA-II/KOEL-F113/2014-003,dt 05-02-2014
57	Greaves Cotton Ltd., Pune	F17	TBD3V6 MK-I	186 kW	ARAI/MOEF/DGTA/GCLP-F17/2005-31 dt 26-03-2005
58			TBD3V6 MK-IP	186 kW	
59			TBD3V6 TBD3V6P	169 kW, 169 kW	
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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
60	Greaves Cotton Ltd., Pune	F22	TBD4IV6P	245.6 kW	ARAI/MOEF/DGTA/GCLP-F22/2005-33 dt 27-10-2005
61	Greaves Cotton Ltd., Pune	F21	TBD2V6MK-IP	164 kW	ARAI/MOEF/DGTA/GCLP-F21/2005-34 dt 26-11-2005
62			TBD2V8P	204.7 kW	
63	Kaytee Switchgear Ltd., Hubli	F4	R6113ZLD	155 kW	ARAI/MOEF/DGTA/KSL-F4/2005-37 dt 10-01-2006
64	Kaytee Switchgear Ltd., Hubli	F3	6KSWITC105	127 kW	ARAI/MOEF/DGTA/KSL-F3/2006-02 dt 28-01-2006
65	Ashok Leyland Ltd., Hosur	F5	ALGWD618.428	231.3 kW	ARAI/MOEF/DGTA/ALL-F5/2006-007 dt 03-02-2006
66	Mahindra Heavy Engines Pvt. Ltd., Chakan,Pune- 410 501	F12	200kVA Mech.CPCB-I	180 kW	ARAI/MoEF/DGTA/MHEPL-F12/2013-071,dt 24-10-2013
67			180kVA Mech.CPCB-I	163 kW	
68	HPPL, Hosur	F1	3306 DITA GS-2	203 kW	ARAI/MOEF/DGTA/HPL-F1/2006-015 dt 06-07-2006
69			3306 DITA GP-1	163 kW	
70			3306 DITA GS-1	179 kW	
71			3306 DITA GP-2	184 kW	
72	HPPL Hosur	F2	3306 DITA GS-4	250 kW	ARAI/MOEF/DGTA/ HPL-F2/2006-016 dt 06-07-2006
73			3306 DITA GP-3	203 kW	
74			3306 DITA GS-3	224 kW	
75			3306 DITA GP-4	228 kW	
76	Mahindra Heavy Engines Pvt. Ltd., Chakan,Pune- 410 501	F11	200kVA Elec.CPCB-I	180 kW	ARAI/MoEF/DGTA/MHEPL-F11/2013-070,dt 24-10-2013
77			180kVA Elec.CPCB-I	163 kW	
78	Kirloskar Oil Engines Ltd., Pune	F20	6SL1500TASR	164.5 kW	ARAI/MOEF/DGTA/KOEL-F20/2006-028 dt 17-10-2006
79			6SL1500TASR2	184.0 kW	
80	Kirloskar Oil Engines Ltd., Pune	F8	6SL1500TAI	164.5 kW	ARAI/MOEF/DGTA/KOEL-F8/2006-029 dt 04-12-2006
81			6SL1500TA	184.0 kW	
82	Kirloskar Oil Engine Limited, Khadki, Pune.	F114	6SL1500TAG3	228 kW	ARAI/MoEF/DGTA-II/KOEL-F114/2014-001,dt 17-01-2014
83			6SL1500TAG2	183 kW	
84	Cummins India Ltd. Kothrud, Pune 411038	F41	QSB 6.7- G12	191.1 kW	ARAI/MoEF/DGTA-II/CILP-F41/2013-002,dt 17-01-2013
85			QSB 6.7 - G11	174.5kW	
86	Shanghai Diesel Engine Co. Ltd., 2636, JunGong Road, Shanghai, China	F11	SC7H250D2	168 kW	ARAI/MoEF/DGTA/IMP/SDEC-F11/2013-044,dt 14-08-2013
87			SC7H230D2	154 kW	
88	Greaves Cotton Ltd., (D.E.U.), Chinchwad, Pune	F28	4G11TAG3	114 kW	ARAI/MoEF/DGTA/GCLP-F28/2009-063-E2,dt 17-04-2013
89			6G11TAG3	163 kW	
90			6G11TAG1	127.2 kW	
91			6G11TAG2	144.5 kW	
92			6G11TAG4	178.8 kW	
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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
93	Ashok Leyland Ltd., Chennai	F26	AL8NTIG3	223 kW	ARAI/MoEF/DGTA/ALL-F26/2013-047 dt 11-07-2013
94			AL8NTIG1	180 kW	
95	Greaves Cotton Ltd., Chinchwad, Pune	F21	TBD2V6MK IP	145.8 kW	ARAI/MOEF/DGTA/GCLP-F21/2007-019 dt 09-07-2007
96			TBD2V8P	162.8 kW	
97			TBD2V6MK I	144.89 kW	
98			TBD2V12	244.65 kW	
99	Greaves Cotton Ltd., Chinchwad, Pune	F22	TBD4L4	148.6 kW	ARAI/MOEF/DGTA/GCLP-F22/2007-024 dt 02-07-2007
100			TBD4V6	222.8 kW	
101			TBD4V12	222.8 kW	
102			TBD4IV6	245.6 kW	
103	Mahindra Navistar Engines Pvt. Ltd., Pune, Maharashtra - 412111	F7	MaxxForce 7.2 P Mec CPCB I 200kVA	180 kW	ARAI/MoEF/DGTA/MNEPL-F7/2013-007,dt 30-01-2013
104			MaxxForce 7.2 P Mec CPCB I 180kVA	163 kW	
105	Mahindra Navistar Engines Pvt. Ltd., Pune, Maharashtra - 412111	F6	MaxxForce 7.2 P Elec / 200 kVA	180 kW	ARAI/MoEF/DGTA/MNEPL-F6/2012-005,dt 30-01-2013
106			MaxxForce 7.2 P Elec / 180 kVA	163 kW	
107	Shanghai Diesel Engine Co. Ltd., 2636 JunGong Road, Shanghai, China	F9	SC9D340D2	228 kW	ARAI/MoEF/DGTA/IMP/SDEC-F9/2013-017,dt 23-02-2013
108	Mahindra Navistar Engines Pvt. Ltd., Pune, Maharashtra - 412111	F8	MaxxForce 7.2 P Mec CPCB I 160kVA	146 kW	ARAI/MoEF/DGTA/MNEPL-F8/2013-008,dt 01-01-2013
109			MaxxForce 7.2 P Mec CPCB I 140kVA	146.5 kW	
110			MaxxForce 7.2 P Mec CPCB I 125kVA	114.7 kW	
111	Deutz Engines India Pvt. Ltd, Pune	F3	BF6M1013EC-D20C133	133 kW	ARAI/MoEF/DGTA/IMP/DEIPL-F3/2013-056,dt 01-09-2013
112			BF6M1013FC-D20C166	166 kW	
113	Cummins India Ltd. Kothrud, Pune 411038	F40	QSB 5.9 -G2	153.6 kW	ARAI/MoEF/DGTA-II/CILP-F40/2013-00,dt 17-01-2013
114			QSB 5.9 -G1	137.2kW	
115			QSB 5.9 -G3	124.5kW	
116	Mahindra Heavy Engines Pvt. Ltd., Chakan,Pune- 410 501	F13	160kVA Mech.CPCB-I	146.5 kW	ARAI/MoEF/DGTA/MHEPL-F13/2013-072,dt 24-10-2013
117			140kVA Mech.CPCB-I	128.7 kW	
118			125kVA Mech.CPCB-I	114.7 kW	
119	Cooper Corporation Pvt Ltd., MIDC,Satara	F4	6B2D1C 170	170 kW	ARAI/MOEF/DGTA/CCPL-F4/2012-007,dt 29-03-2012

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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
120	Cooper Corporation Pvt Ltd., MIDC, Satara	F5	6B2D1C 125	125 kW	ARAI/MOEF/DGTA/CCPL-F5/2012-006, dt 29-03-2012
121	TLD Europe, France	F1	QSB6.7	164 kW	ARAI/MOEF/DGTA/IMP/TLD-F1/2008-046, dt 18-09-2008
122	Avtec Limited, Sector-III, Sagore, Pithampur Industrial Area, Dist. Dhar (M.P.) 454 774 & M/s. Avtec Limited, Plot No. 1& 2, Sector B, Nimpura Industrial Estate, Kharagpur - 721301	F9	AGDH7012515	127 kW	ARAI/MOEF/DGTA/AVTEC-F10/2013-021, dt 06-03-2013
					ARAI/MOEF/DGTA/AVTEC-F10/2013-021, dt 06-03-2014
123	Mak Controls and Systems Pvt. Ltd., 7/41-B, Avinashi Road, Coimbatore-641 014	F10	TCD2013L062V	191 kW	ARAI/MOEF/DGTA/IMP/MCSP-F10/2012-12, dt 30-04-2012
124	Cooper Corporation Pvt Ltd, MIDC, Satara	F4	6B2D1C170	170 kW	ARAI/MOEF/DGTA/CCPL-F4/2012-023, dt 28-08-2012
125			6B2D1C150	150 kW	
126			4B2D1C100	113 kW	
127	Ashok Leyland Ltd., Chennai	F22	AL4127AG2	125 kW	ARAI/MOEF/DGTA/ALL-F22/2008-072, dt 16-12-2008
128	SuperNova Engineers Ltd., Ahmedabad	F6	YC6M320D	235.5 kW	ARAI/MOEF/DGTA/IMP/SEL-F6/2008-074, dt 01-01-2009
129	SuperNova Engineers Ltd., Ahmedabad	F5	YC6A190D	133.5 kW	ARAI/MOEF/DGTA/IMP/SEL-F5/2008-075, dt 01-01-2009
130	Mahindra & Mahindra Ltd.,	F21	62805GC	186 kW	ARAI/MOEF/DGTA/IMP/M&M-F21/2008-078, dt 20-01-2009
131	Mahindra & Mahindra Ltd.,	F20	62205GC	146 kW	ARAI/MOEF/DGTA/IMP/M&M-F20/2008-079, dt 20-01-2009
132	Shanghai Diesel Engiens Co. Ltd.	F1	SC9D 280D	185 kW	ARAI/MOEF/DGTA/IMP/SDEC-F1/2009-016, dt 27-05-2009
133			SC8D 200D	132 kW	
134			SC8D 220D	146 kW	
135			SC8D 245D	163 kW	
136	Shanghai Diesel Engiens Co. Ltd.	F2	G128ZLD	187 kW	ARAI/MOEF/DGTA/IMP/SDEC-F2/2009-017 dt 27-05-2009
137			G128ZLD1	236 kW	
138			G128ZLD2	206 kW	
139	Shanghai Diesel Engiens Co. Ltd.	F3	SC11CB300D1	221 kW	ARAI/MOEF/DGTA/IMP/SDEC-F3/2009-018, dt 27-05-2009
140			SC11CB350DL	248 kW	
141	Mahindra & Mahindra Ltd., Kandivili, Mumbai	F25	63455GC	230 kW	ARAI/MOEF/DGTA/IMP/M&M-F25/2009-019, dt 27-05-2009
142	Shandong Weichai Huafeng Power Co. Ltd. China	F8	R6105ZLD1-P1	127 kW	ARAI/MOEF/DGTA/IMP/HUA-F8/2009-025, dt 11-06-2009

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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
143	Lombardini India Pvt. Ltd., Aurangabad	F13	WD12D320 E21	228 kW	ARAI/MOEF/DGTA/LIPL-F13/2009-033, dt 11-06-2009
144	Lombardini India Pvt. Ltd., Aurangabad	F11	WD10D260 E21	204.30 kW	ARAI/MOEF/DGTA/IMP/LIPL-F12/2009-034, dt 11-06-2009
145	Indo Marine Engineering Co. Pvt. Ltd., Pune	F2	6081HF001 200	200 kW	ARAI/MOEF/DGTA/IMP/IMEC-F2/2009-037, dt 30-06-2009
146			6081HF001 260	260 kW	
147	Kirloskar Electric Co. Ltd. Gokul Road, Hubli- 580030.	F20	6IKK135ZLD	187 kW	ARAI/MOEF/DGTA/KECL-F20/2010-001, dt 16-02-2010
148	Kirloskar Electric Co. Ltd. Gokul Road, Hubli- 580030.	F21	6IKC120IZD2	236 kW	ARAI/MOEF/DGTA/KECL-F21/2010-002, dt 16-02-2010
149	Weichai Weifang Dutz Engines Co. Ltd.	F4	WP6D175E22	129 kW	ARAI/MOEF/IMP/DGTA/WWDF4/2010-070, dt 09-06-2010
150			WP6D160E20	117 kW	
151	Greaves Cotton Ltd., (D.E.U.), Chinchwad, Pune-19	F30	TBD3V6MK-II	230.2 kW	ARAI/MOEF/DGTA/GCLP-F30/2010-078, dt 09-08-2010
152	Doosan Infracore Co. Ltd., 7-11, Hwasu-dong, Donggu, Incheon, Korea	F1	P126TI IN01	241 kW	ARAI/MOEF/DGTA/IMP/DICL-F1/2010-080 dt 03-08-2010
153			P126TI IN02	272 kW	
154	Navistar, Inc. 10400 W. North Ave. Melrose Park, IL 60160, USA	F1	GCB330A	246 kW	ARAI/MOEF/DGTA/IMP/NAV-F1/2010-081 dt 12-08-2010
155			GCB300A	224 kW	
156	Navistar, Inc. 10400 W. North Ave. Melrose Park, IL 60160, USA	F2	GCB325A	242 kW	ARAI/MOEF/DGTA/IMP/NAV-F2/2010-082 dt 12-08-2010
157	Deutz (Dalian) Engine Co., Ltd., No- 49 DangBei Road, Sha Hekou District, Dalian, China	F6	BF6M1013FC	201 kW	ARAI/MoEF/IMP/DGTA/DEIPL-F6/2010-084 dt 20-09-2010
158			BF4M1013EC	129 kW	
159			BF6M1013EC	153 kW	
160	Mahindra Navistar Engines Pvt. Ltd., Pune	F2	S12-I (160 KVA)	146.13 kW	ARAI/MoEF/DGTA/MNEPL- F2/2010-086 dt 23-09-2010
161			S12-II (140 KVA)	128.74 kW	
162			S12-III (125KVA)	114.7 kW	
163	Cummins India Ltd., Power Generation Business Unit, 19-25A, Silver Industrial Estate, Bhimpore,	F18	6BTAA5.9-G4	127 kW	ARAI/MoEF/DGTA/CILD-F18/2010-089 dt 01-12-2010
164	Mahindra Navistar Engines Pvt. Ltd., Pune	F3	SE12-II (200 KVA)	180 kW	ARAI/MoEF/DGTA/MNEPL- F3/2010-094 dt 29-12-2010
165			SE12-I (180 KVA)	163 kW	
166	Ashok Leyland Ltd., Chennai	F25	AL6DTIDG4	147 kW	ARAI/MoEF/DGTA-II/ALL-F25/2013-046, dt 11-07-2013
167			AL6DTIDG2	116 kW	
168			AL6DTIDG3	130 kW	

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S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
169	Mahindra Navistar Engines Pvt. Ltd., Plot # A-1/1, Chakan Industrial area, Village Nigoje, Taluka -Khed, Chakan, Pune-410501, Maharashtra.	F4	S12- V (200KVA)	180 kW	ARAI/MoEF/DGTA/MNEPL-F4/2010-10 dt 29-12-2010
170			S12- IV (180KVA)	163 kW	
171	Perkins Engines Company Ltd.,Eastfield, Peterborough, PE15NA	F4	1306C-E87 TAG6	246 kW	ARAI/MoEF/DGTA/IMP/PECL-F4/2011-002 dt 03-02-2011
172			1306C-E87 TAG4	224 kW	
173	DEUTZ AG Ottostrasse 1, D-51149,Koln (Porz-Eil)/Germany	F7	TCD 2013 L064 V	227 kW	ARAI/MoEF/IMP/DGTA/DEIPL-F7/2011-014 dt 26-03-2011
174	Mak Controls and Systems Pvt. Ltd.,7/41-B, Avinashi Road, Coimbatore-	F7	BF6M1013FC	187 kW	ARAI/MoEF/DGTA/IMP/MCSP-F7/2011-017 dt 02-05-2011
175	Shanghai Diesel Engine Co. Ltd., 2636 JunGong Road, Shanghai, China	F8	SC9D280D	185 kW	ARAI/MoEF/IMP/DGTA/SDEC/F8/2011-023 dt 02-06-2011
176			SC8D200D	132 kW	
177			SC8D220D	146 kW	
178			SC9D245D	163 kW	
179	Kirloskar Electric Company Limited,Unit 14, Gokul Road, Hubli 580030	F4	6KSWITC113	155 kW	ARAI/MoEF/DGTA/KECL-F4/2011-025,dt 28-06-2011
180	Mahindra & Mahindra Limited, Akurli Road, Kandivali (E), Mumbai 400101, India	F21	62805 GC	185 kW	ARAI/MoEF/IMP/DGTA/M&M-F21/2011-028,dt 13-07-2011
181			61985 GC	132 kW	
182			62205 GC	146 kW	
183	Kirloskar Electric Company Limited, Unit 14, Gokul Road, Hubli 580030	F25	6IKK135ZLD1	236 kW	ARAI/MoEF/DGTA/IMP/KECL-F25/2011-030,dt 13-07-2011
184	Empower Gensets Pvt Ltd., Survey No. 36/1, Pisoli Road, Pisoli, TalukaHaveli, Ditric Pune - 411028, India.	F2	BF6M1013FC	166 kW	ARAI/MoEF/DGTA/IMP/EGPL-F2/2011-044,dt 29-09-2011
185			BF4M1013FC	106 kW	
186	Ashok Leyland Limited, Ennore, Tamilnadu	F23	AL6DTI G4	146 kW	ARAI/MoEF/DGTA/ALL-F23/2011-042 dt 19-10-2011
187	Ashok Leyland Limited, Hosur, Tamilnadu Ashok Leyland Limited, Pant Nagar, Uttarakhand		AL6DTI G3	128 kW	

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Annexure-III Cont.

S. No.	Manufacturer Name & Address	Engine Family	Engine Model	Rated Gross Mechanical Declared Power	Type Approval Certificate Number
188	Greaves Cotton Ltd., (D.E.U.), Chinchwad, Pune	F22	TBD4L4	148.6 kW	ARAI/MOEF/DGTA/GCLP-F22/2007-24,dt 02-07-2007
189			TBD4IV6P	245.65 kW	
190			TBD4V6	222.86 kW	
191			TBD4V12	222.86 kW	
192	Greaves Cotton Ltd., (D.E.U.), Chinchwad, Pune	F28	4G11TAG3	114 kW	ARAI/MoEF/DGTA/GCLP-F28/2009-063-E1,dt 02-01-2013
193			6G11TAG3	163 kW	
194			6G11TAG1	127.2 kW	
195			6G11TAG2	144.5 kW	

Note: Engine details mentioned above are sourced from : www.cpcb.nic.in

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