

COP Annexure-I

Criteria*	COP Required
RECD Manufacturer/Importer/Retrofitter	<p>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</p> <p>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)</p>

* As Applicable

Annexure-II

S No	Item Description	Parent RECD Type		RECD types within the RECD family (if applicable)	
		Type 1	Type 2	Type 1	Type 2
1	Manufacturing Plant address	M/s Automoto Genset Solutions LLP, Plot No. B-9/2 Phase-I, Badli Industrial Area, Landmark Samaypur Badli Metro Station, North Delhi, Delhi- 110042			
2	Manufacturer's trade name or mark	M/s Automoto Genset Solutions LLP			
3	RECD family designation	F1232-CII			
4	RECD type/model designation	AM01/2		AM07/2	
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. Automoto-RECD-AM01/2-REV 1 dtd. 18/11/2024 Clause no 1.8			
9	Identifying part number(s) of the RECD	AM5580/C2		AM5080/C2	
10	Engine/ Engine-Family for which the RECD is intended (application range)	KTA38-G17			
11	PM Reduction Efficiency of the RECD	95.36%			
12	Designed for fitment to an engine meeting the emissions requirements of (Regulation and Stage):	CPCB Stage -II			
ICAT Ref No.		2024-1423; IOCS No: 181626			
Base Engine Type Approval Certificate number		ARAI/MOEF/DGTA/CILP-F30/2018-30"			
Test Report Reference		CT0ET 0298 E01 ET0468 dt. 09/12/2024			
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SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR		Page 2 of 4	

Annexure-III

List of applicable engine(s) as per 771(E) dtd. 11.12.2013 and GSR 232(E) dtd. 31.03.2014 Phase II 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	FMTU power system pvt. Ltd. Gat No. 450/1/B1 & 1/B3 Part, Indospace Industrial Park, Mahalunga Chakan, Msharashtra	F6	12V1600G80F/3D	634 kW	ARAI/MoEF/DGTÂ/FMTU-F6/2021-01 Dt. 07-06-2021
2			12V1600G20F/3B	576 kW	
3			12V1600G70F/3D	576 kW	
4			12V1600G10F/3B	524 kW	
5	Cummins Irdia Ltd. Kothrud, Pune 411038	F33	QSK 19-G7	618 kW	ARAI/MoEF/DGTA/CILP-F33/2014-07-E1,Dt.26-3-2015
6			QSK 19-G6	583 kW	
7	Perkins India Private Limited 7th Floor, International Tech Park , Taramani Road, Taramsni, Chennai 600113 Tamil Nadu, India	F14	4006D-E23TAG2S	732 kW	ARAI/MoEF/DGTA/PEL-F14/2018-08-E2 Dt. 16-05-2019
8			4006D-E23TAG2P	668 kW	
9			4008D-E30TAG2P	799 kW	
10			4008D-E30TAG1P	720 kW	
11	Cummins India Limited, Cummins India Office Campus Tower A, 5th Floor Survey No. 21, Balewadi, Pune,411045	F54	KTA38-G12	797 kW	ARAI/MoEF/DGTA/CILP-F54/2015- 24 Dated: 03-Dec-2015
12			KTA38-G13	736 kW	
13	Cummins India Limited, Dahanukar Colony, Kothrud, Pune-411038, Maharashtra, India	F30	KTA38-G17	797 kW	ARAI/MoEF/DGTA/CILP-F30/2018- 30-E1 Dated: 28-Jun-2019
14			KTA38-G11	797 kW	
15			KTA38-G10	736 kW	
16	Kirloskar Oil Engines Ltd. Khadki, Pune	F119	DV12ETA G11	663 kW	ARAI/MoEF/DGTA/KOEL- F119/2016-19-E2 Dated 29-Jan-2019
17			DV16ETA G2	799 kW	
18	M/s. Baudouin (Weifang) Power Co.,Ltd.,Add : No. 197A, Fushou East Street., High-new Technology, Industrial Development Zone,Weifang, Shandong, China.	6M33D	6M33D660E310	660kW	ICAT/MOEF/DGTA/IMP/BWPCL- 6M33D/M- 1736-E01 dt. 05.06.2018
19			6M33D633E310	575 kW	
20		8M21G	8M21G688/5e3	550 kW	ICAT/MoEFCC/DGTA/IMP/BWPCL- 8M21G/P-0401 Dt. 28-02-2020
21	M/s. Shandong Heavy Industry India Pvt. Ltd., Add: Survey No. 280/281,Hinjawadi Phase II, Village Mann, Taluka Mulshi, Pune - 411057, Maharashtra,India	8M21G	8M21G688/5e3	550kW	ICAT/MoEFCC/DGTA/ SHIPL- 8M21G/P- 0400 dt. 28.02.2020

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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
22	Cummins India Limited Dahanukar Colony, Kothrud, Pune- 411038, Maharashtra, India	F57	KTAA19-G13	551 kW	ARAI/MoEF/DGTA/CILP-F57/2017-28 E2 Dt. 07-10-2019
23			KTAA19-G12	532 kW	
24	Kirloskar Oil Engines Ltd. Khadki, Pune	F115	DV12TA G2	551.6 kW	ARAI/MoEF/DGTA/KOEL- F115/2014-01- E1,Dated 11-Sep-2019
25			DV12TA G1	531.7 kW	
26	Perkins India Private Limited, 7th Floor, International Tech Park , Taramani Road, Taramani, Chennai- 600113,Tamil Nadu, India	F12	Perkins-2806D- E18TAG1A	540 kW	ARAI/MoEF/DGTA/PIPL/- F12/2017-07- E2 Dated 28-June-2019
27	Volvo India Private Limited Volvo Penta.Yalachahaly, Tavarekere Post,Hosakote TQ Bangalore, Karnataka-562122	F12	TWD1653GE	564 kW	ARAI/MoEF/DGTA/IMP/VOLVO- F12/2014-02-E1 Dt 30.06.2015
28			TWD1652GE	522 kW	
29	Cummins India Limited Dahanukar Colony, Kothrud, Pune- 411038, Maharashtra, India	F57	KTAA19-G12	532 kW	ARAI/MoEF/DGTA/CILP-F57/2017-28 E2 Dt. 07-10-2019
30	Caterpillar India Pvt. Ltd 7th Floor International Tech Park , Taramani Road, Taramani, Chennai, Tamilnadu 600 113	F12	CAT-C18-2GP-1	540 kW	ARAI/MoEF/DGTA/CIPL-F12/2017-05- E2 Dt. 28-06-2019

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

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SITARAM KASHYAP DEPUTY GENERAL MANAGER		SAURABH DALELA DIRECTOR