

[National Automotive Board (NAB)]

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| C | O | T | G | 0237 |
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Date : 02nd December 2024

TYPE APPROVAL CERTIFICATE

FOR

Retro-fit Emission Control Devices (RECD) Compliance

| Cert | Report | Specs | Drg | Total |
|------|--------|-------|-----|--------|
| 08 | 11 | 21 | 02 | 42 pgs |

1. Based on the verification of documents & trials conducted on RECD model "AM07/1" (Family designation F1232-CII) for below mentioned manufacturer and it is certified that the following RECD model complies with the provisions of Type Approval of CPCB System Procedure for Retro-fit Emission Control Devices (RECD) Compliance to Diesel Power Generating Set Engines Up to Gross Mechanical Power 800 kW, as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 6.08.2019".

| Documental Reference | | RECD Manufacturer | | | |
|---------------------------|------------------|--|-----------------------|---|---------------------|
| Current Certificate | | 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 Plant : Delhi | | | |
| RECD Family Designation | | Engine Manufacturer | | Tested Engine Model | |
| F1232-CII | | M/s Cummins India Limited | | KTA-19-G9 | |
| RECD Model | | | Engine Cubic Capacity | | Gross Engine Power |
| AM07/1 | | | 18942 cm ³ | | 448.0 kW @ 1500 rpm |
| Engine Baseline emissions | CPCB Stage -I | Class of RECD | Class II | Engine Manufacturing Date | |
| | | | | February 2007 | |
| S. No. | Item Description | Parent RECD Type | | RECD types within the RECD family (if applicable) | |
| | | | | Annexure-II | |
| | | | | Annexure-III | |

2. **Validity of the Certificate**

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| This Type Approval Certificate is valid for Genset engine CPCB Stage -I effective from 01.07.2004 to 30.06.2014. | a. | As per System and procedure for Emission Compliance of Retro-fit Emission Control Devices(RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 06.08.2019 or until further amendment in the MoEFCC rule, whichever is earlier. |
| | b. | No change in specified RECD technical specification. |

3. It is certified that the above **RECD Model** (Details listed in Annexure-II) comply with the emission limits for Retro-fit Emission Control Devices (RECD) to Diesel Power Generating Set Engines having Gross Mechanical Power **253.82kW to 448.0kW**, as prescribed under the following rules, notified by **Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India.**

| Rule No. | Description | Date |
|----------------------|--|------------|
| CPCB-PCLS/12/2021-22 | System and procedure for Emission Compliance of Retro-fit Emission Control Devices(RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/report "Report filed in O.A. No. 681/2018 dated 6.08.2019 | 01.02.2022 |

4. COP : COP shall be completed by **30.06.2025** as per CPCB Procedure, for details refer **COP Annexure-I.**

| AUTHORISED SIGNATORY | | |
|---|----------------------------|----------------|
| | | |
| SITARAM KASHYAP DEPUTY GENERAL MANAGER | SAURABH DALELA DIRECTOR | Page 1 of 8 |