



C O T G 0130

Date : 29<sup>th</sup> May 2024

COTG0130

# TYPE APPROVAL CERTIFICATE

FOR

Retro-fit Emission Control Devices (RECD) Compliance

| Cert | Report | Specs | Drg | Total  |
|------|--------|-------|-----|--------|
| 09   | 13     | 22    | 02  | 46 pgs |



1. Based on the verification of documents & trials conducted on RECD model "AM02/1" (Family designation F0612-CI) 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 Solution LLP<br>Plot No. B-9/2 Phase-I, Badli Industrial Area, Landmark Samaypur Badli Metro Station, North Delhi, Delhi- 110042<br>Plant : Delhi |         |   |
| RECD Family Designation   |                  | Engine Manufacturer   |         | Tested Engine Model                               |
| F0612-CI                  |                  | M/s Cummins India Limited   |         | 6BTAA5.9-G3                                       |
| RECD Model                |                  | Engine Cubic Capacity   |         | Gross Engine Power                                |
| AM02/1                    |                  | 5883 cm <sup>3</sup>  |         | 114.88 kW @ 1500 rpm                              |
| Engine Baseline emissions | CPCB Stage -I    | Class of RECD   | Class I | Engine Manufacturing Date                         |
|                           |                  |   |         | March 2012  |
| S. No.                    | Item Description | Parent RECD Type  |         | RECD types within the RECD family (if applicable) |
|                           |                  | Annexure-II   |         |   |
|                           |                  | RECD suitable for Phase I Certified Diesel Generator engine / engine families   |         | Annexure-III                                      |

2. Validity of the Certificate

|  |    |   |
|--|----|---|
| 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 62.48kW to 114.29kW, 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

|  |                                   |             |
|--|-----------------------------------|-------------|
|  |                                   |             |
| <b>SITARAM KASHYAP</b><br>DEPUTY GENERAL MANAGER | <b>SAURABH DALELA</b><br>DIRECTOR | Page 1 of 9 |