



[National Automotive Board (NAB)]

C O S G 0628 E02

EXTENSION-02

Date : 26<sup>th</sup> March 2025

C O S G 0628 E02

TYPE APPROVAL CERTIFICATE

COMPLIANCE TO MASS EMISSION & SMOKE NORMS FOR GENSET DIESEL ENGINE (upto 800 kW)

| Cert | Report | Specs | Drg | Total  |
|------|--------|-------|-----|--------|
| 02   | 06     | 14    | --  | 22 pgs |



1. In order to establish compliance to the provisions of mass emission & smoke limits, applicable as on date, documental verification / necessary testing was carried out, on following engine model(s), submitted by the engine manufacturer/supplier referred below:

| Documental Reference                                | Engine Manufacturer   |                    |                           |
|---|---|--------------------|---------------------------|
| C O S G 0628 E01<br>dt. 09 <sup>th</sup> March 2024 | M/s Shandong Heavy Industry India Pvt. Ltd.<br>Survey No. 280/281, Village Mann, Taluka Mulshi, Hinjawadi Phase-II, Pune - 411057, Maharashtra, India<br>Plant : Pune |                    |                           |
| Engine Family                                       | Engine Supplier (Manufacturer / Importer)   |                    |                           |
| 6M33G   | M/s Shandong Heavy Industry India Pvt. Ltd., Survey No. 280/281, Village Mann, Taluka Mulshi, Hinjawadi Phase-II, Pune - 411 057, Maharashtra, India                  |                    |                           |
| Parent Engine                                       | Cubic Capacity (cm <sup>3</sup> )   | Gross Engine Power | Compliance of Norms w.e.f |
| 6M33G4D4/5  | 19600   | 660 kW @ 1500 rpm  | 01.07.2023                |
| Brand Name  | Baudouin  | Variant(s)         | ANNEXURE-I                |

2. Validity of the Certificate

|  |   |   |
|--|---|---|
| This Type Approval Certificate is valid till | 1 | The validity of existing emission norms under Notification No. GSR 804(E) dt. 03.11.2022 or until further amendment in the MoEFCC rule, whichever is earlier. |
|  | 2 | No change in technical specification of the engine specified  |
|  | 3 | Explicitly the Type Approval Certificate withdrawn by the engine supplier   |
|  | 4 | Till COP is not missed / Till COP procedure compliance as per CPCB Administrative Procedure is obtained within prescribed time frame.                         |

3. It is certified that the above Diesel engine model(s) comply with the emission limits for Genset Engines powered by CI engines under power category (560<P≤800)kW, as prescribed under the following rules, notified by Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India:

| Rule No.  | Description   | Notification | Date       |
|---|---|--------------|------------|
| Environment (Protection) Rule, 1986 in the schedule I, Serial number 88 | Emission limits for new engines used for power generating set (Genset) application upto 800 kW Gross Mechanical Power | GSR 804 (E)  | 03.11.2022 |

4. COP :

COP will be applicable as per CPCB Procedure, for details refer COP-Annexure.

Please turn over for Disclaimer

| AUTHORISED SIGNATORY                      |  |                            |             |
|---|--|----------------------------|-------------|
| SITARAM KASHYAP<br>DEPUTY GENERAL MANAGER |  |                            |             |
|   |  | SAURABH DALELA<br>DIRECTOR |             |
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