



C O S G 0595

Date : 19th October 2023

C O S G 0595

TYPE APPROVAL CERTIFICATE

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

| Cert | Report | Specs | Drg | Total |
|------|--------|-------|-----|--------|
| 02 | 06 | 12 | 09 | 29 pgs |



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

| This Certificate Supercedes | Engine Manufacturer | | |
|-----------------------------|--|--------------------|---------------------------|
| Current Certificate | M/s Shandong Heavy Industry India Pvt. Ltd. Survey No.280/281, Village Mann, Taluka Mulshi, Hinjawadi Phase-II, Pune - 411057, Maharashtra, India Plant : Pune | | |
| Engine Family | Engine Supplier (Manufacturer / Importer) | | |
| 6M21G | 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 ³) | Gross Engine Power | Compliance of Norms w.e.f |
| 6M21G6D4/5 | 12541 | 450 kW @ 1500 rpm | 01.07.2023 |
| Variant(s) | ANNEXURE-I | | |

2. Validity of the Certificate

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|--|---|---|
| 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| | 3 | Explicitly the Type Approval Certificate withdrawn by the engine supplier |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 (56<P≤560)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 DEPUTY GENERAL MANAGER | | | |
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