



[National Automotive Board (NAB)]

C O T G 0157

Date : 18<sup>th</sup> July 2024

OTG0157

TYPE APPROVAL CERTIFICATE

| Cert | Report | Specs | Drg | Total  |
|------|--------|-------|-----|--------|
| 02   | 04     | 06    | 13  | 25 pgs |

COMPLIANCE TO MASS EMISSION NORMS FOR PETROL RUN PORTABLE GENERATOR SETS



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

| Portable Generator Set Supplier                                                                                 | Portable Engine Assembler/Importer                                                                                                  |            |                           |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------|
| M/s Himalayan Power Machine Mfg. Co. Khasra No. 51 & 52 Kuanwala, Haridwar Road, Dehradun, Uttarakhand - 248001 | M/s Himalayan Power Machine Mfg. Co. Khasra No. 51 & 52 Kuanwala, Haridwar Road, Dehradun, Uttarakhand - 248001<br>Plant : Dehradun |            |                           |
| Engine Family                                                                                                   | Portable Generator Set Manufacturer Plant                                                                                           |            |                           |
| F2                                                                                                              | M/s Himalayan Power Machine Mfg. Co. Khasra No. 51 & 52 Kuanwala, Haridwar Road, Dehradun, Uttarakhand - 248001                     |            |                           |
| Generator Set Engine Model                                                                                      | Displacement (cm <sup>3</sup> )                                                                                                     | Class      | Compliance of Norms w.e.f |
| HM 192 PY4                                                                                                      | 446                                                                                                                                 | Class 3    | 01.07.2023                |
| Generator Set Model(s) / Brand Name                                                                             | Type                                                                                                                                | Variant(s) | NIL                       |
| HM 192 PY4 / Himalayan Power Machine                                                                            | Petrol Start, Petrol Run                                                                                                            |            |                           |

- 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.                         |

- It is certified that the above mentioned engine model(s) comply with the emission limits for Genset Engines powered by SI engines under Engine Displacement (cc) category (>225 and upto 800), 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 19 kW Gross Mechanical Power | GSR 804 (E)  | 03.11.2022 |

- 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 |  |



Saurabh Dalela

