



**[National Automotive Board (NAB)]**

**C O U G 0042**

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**Date : 12<sup>th</sup> February 2025**

**TYPE APPROVAL CERTIFICATE**

COMPLIANCE TO MASS EMISSION NORMS FOR  
DEDICATED NG Engine (upto 800 kW)

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



1. 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 engine model(s), submitted by the engine **manufacturer/supplier** referred below:

| Documental Reference | Engine Manufacturer                                                                                                                  |                                   |                     |                           |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|---------------------------|
| Current Certificate  | M/s Generac Power Systems Inc.<br>S45W29290, WI-59, Waukesha, WI 53189<br>Plant : Wisconsin, USA                                     |                                   |                     |                           |
| Engine Family        | Engine Supplier (Manufacturer / Importer)                                                                                            |                                   |                     | Import Category           |
| Generac G9.0L NA     | M/s Captiva Energy Solutions Pvt. Ltd., Bibirhat, Village Sanjua, PO Bakrahat, PS Bishnupur, South 24 Parganas, West Bengal - 743377 |                                   |                     |                           |
| Parent Engine        |                                                                                                                                      | Cubic Capacity (cm <sup>3</sup> ) | Gross Engine Power  | Compliance of Norms w.e.f |
| G9L NA               |                                                                                                                                      | 8865                              | 102.0 kW @ 1500 rpm | 01.07.2023                |
| Variant(s)           | NIL                                                                                                                                  |                                   |                     |                           |

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 **NG engine model(s)** comply with the emission limits for Genset Engines powered by SI 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                                                                                                                    |                                                                                                                           |                                                                                       |             |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
| <br><b>SITARAM KASHYAP</b><br>DEPUTY GENERAL MANAGER | <br><b>SAURABH DALELA</b><br>DIRECTOR |  | Page 1 of 2 |
|                                                                                                                                         |                                                                                                                           |                                                                                       |             |