



CASA 0062

CASA0062

Date : 17th January 2023

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

| Cert | Brief | Dwg | Total |
|------|-------|-----|--------|
| 04 | 08 | 15 | 27 Pgs |



1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documental verification / necessary testing was carried out, on the following **CNG converted, "In-Use"** model, by the retrofitter submitted by the CNG Installer referred below:

| Documental Reference | Kit Installer / Manufacturer | | | |
|---|---|-----------------------------------|---------------------|--|
| Current Certificate | M/s. ECOFUEL SYSTEM INDIA PVT LTD. B-101, Bellona Building no.1, 90ft Rd, Ghatkopar (East), Mumbai-75, Maharashtra, India. | | | |
| CNG Kit Identification | Engine Power (CNG) | Engine cm ³ | Year of Manufacture | |
| LOVATO-SEQUENTIAL-CNG-BSIV- OBD-II-ALPSV | 87.41 kW @ 2000 rpm | 5760 | December 2012 | |
| "In-Use" Base Model | Type & Category | Seating Capacity (incl driver) | GVW (kg) | |
| ALPSV 4/189 | M3-BUS | 44 | 16200 | |

- 1a Brief technical specifications No. LOV/ICAT/CNG/BS-IV/ALSPV dt. 13.11.2022 the In-Use vehicle model, as declared by the by the CNG Kit Installer are enclosed with this certificate. CNG Kit Specification No. LOV/ICAT/CNG/BS-IV/ALSPV dt. 13.11.2022 the In-Use vehicle model, are also separately issued to the by the CNG Kit Installer.
2. It is certified that the above vehicle model comply with the provisions of the CMVR, 1989, as amended up-to-date, including following requirements, (as detailed at ANNEXURE - I, IA & II):

| Standards | Notification | Date | Effective From | Applicable CMVR |
|---|------------------|------------|----------------|-----------------|
| Type Approval norms - For conversion by modification of engine of In-use Diesel Vehicle (as amended by GSR 1151(E) dt. 29.11.2018) | Bharat Stage-IV | GSR 84(E) | 09.02.2009 | 01.04.2010 |
| | | GSR 643(E) | 19.08.2015 | 01.04.2017 |
| | Idling CO & NMHC | GSR 103(E) | 23.02.2012 | 23.02.2013 |

Refer ANNEXURE - II

3. This certificate is valid for 3 years from the date of its issue or until further amendment in CMV Rules, which ever is earlier.
4. This Certificate is issued as per CMV Rule 126, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any rules other than those listed in **ANNEXURE - I, IA & II**. Compliance to these rules has been verified based on the use of specific components / parts / assemblies etc. details of which are given in the detailed specifications duly endorsed by ICAT as mentioned at Para. 1a above. It is the **Kit Installer's** responsibility to ensure fitment of same components / parts / assemblies etc. before submission of the vehicle for registration.
5. This Certificate is issued for the above "In-Use" base model subject to the conditions given at ANNEXURE-II.

Please turn over for DISCLAIMER

| AUTHORISED SIGNATORY | | | |
|---|-----------------------------------|--|----------------|
| | | | |
| MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER | SAURABH DALELA DIRECTOR | | Page 1 of 4 |