



CASA 0149

CASA0149

Date : 15th February 2023

CERTIFICATE

FOR

COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

Cert	Brief	Dwg	Total
04	08	13	25 Pgs



1. In order to establish compliance to the provisions of CMVR, 1989, applicable as on date, documentary 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-OBDD-II/AL-1616	87.41 kW @ 2000 rpm	5760	March 2013	
"In-Use" Base Model	Type & Category	Seating Capacity (incl driver)	GVW (kg)	
AL 1616	N3 (Goods Carrier)	2	16200	

- 1a Brief technical specifications No. LOV/ICAT/CNG/BS-IV/AL-1616 dt. 27.01.2023 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/AL-1616 dt. 27.01.2023 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
			01.04.2013	115B(1) B. (II) & (D) 115 [15 (a), (aa) & (b) (ii) (A&B)]
		GSR 643(E)	19.08.2015	01.04.2017
Idling CO & NMHC	GSR 103(E)	23.02.2012	23.02.2013	115 (2) (i)

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