



C A R A 0918

Date : 05th September 2022

ANNEXURE - IV


This Certificate is issued subject to the following conditions:

- i The CNG "OE" Base Model "SKYLIFE 2428C" fitted with WP7NG240E61 dedicated CNG engine, shall have CNG Cylinder & Cylinder Valve approved by Chief Controller of Explosive, Nagpur, for the following:
 - A) The cylinders are filled at a pressure not exceeding 203.9 kgf/cm² at 15° C.
 - B) The cylinders are subjected to hydrostatic stretch test at a pressure of 340.5 kgf/cm² as required under rules 39 to 42 of the Gas Cylinders Rules, 2016.
 - C) Other relevant provisions of the said rules are complied with.
- ii CNG injector is of the type and design (Ref. Point 13 of Technical Specifications of CNG system).
- iii Any Change in the CNG System Specifications or Layout will call for recertification.
- iv This Certificate is issued by ICAT exclusively for fitment of the CNG system as per the enclosed CNG cylinder of M/s. FJM Cylinders Pvt. Ltd., on the "OE" base model "SKYLIFE 2428C" fitted with WP7NG240E61 dedicated CNG engine with catalytic converter, and would be valid till the validity of GSR 853(E) dt. 19.11.2001 / GSR 589 (E) dt. 16.09.2005/ GSR 84 (E) dt. 01.04.2010 or until further amendment in CMV Rules, whichever is earlier.
- v The onus of verification of fitness / proper functioning of CNG system on each and every vehicle, including endorsement as "operation on CNG" by the concerned Registering Authorities, under this Certificate lies with M/s. JBM AUTO LTD.
- vi Registering Authorities shall, at the time of registration, verify the PESO approval for the CNG cylinder and Cylinder Valve, in respect of make / identification no. (as referred in Point 3 & 4 of Technical Specifications of CNG system) and documental reference for Quantity / Sr. No. cleared by PESO, time to time.
- vii. In addition, compliance to Safety Checks, Requirements shall be verified by the designated Authorities, as and whenever necessary, based on the following guidelines:

| Annexure to AIS 024 | Details | Responsibility | Applicable for CNG Vehicles |
|---------------------|--|--|-----------------------------|
| III | Checklist for fitness tests and certification for In-Use vehicles after fitment / conversion to CNG mode | Undertaking by Kit Installer, Verification by RTO | In-Use |
| IV | Safety checks for use of CNG fuels in internal combustion engines vehicles (as per AIS 028) & Gas cylinder rules, 2016 | PESO / Test Agency | All |
| V | Criteria to authorize the kit installer and responsibility of vehicle / kit manufacturer / supplier / Installer (Including Inspection, Testing & Commissioning, Garaging & Repairs, etc.) | Vehicle Manufacturer (O.E.) Kit Manufacturer (In-Use) | All |
| VI | Installation Certificate for converted CNG vehicle (A checklist given in the APPENDIX-A under Version 5 may be referred by the Kit Installer at the time of inspection prior to issuing installation certificate). | Undertaking by Kit Installer, Verification by Designated Authority | All |
| VII | Checklist for third party checking or inspection of built-up CNG buses before registration | RTOs before Registration / Designated Authority | All Buses |
| VIII | Checklist for preventive maintenance of In-Use CNG vehicles | Workshop authorised by Kit Installer | In-Use |
| AIS - 028 | Code of practice for use of CNG fuel in internal combustion engines vehicles-AIS 028 and respective standards referred in the Notification No. GSR-643(E) dt. 27.06.2017 | PESO / Test Agency | All |

Applicability of AIS 024 & AIS 028: Version 5 w.e.f. September 2017

AUTHORISED SIGNATORY

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| VIJAYANTA AHUJA DEPUTY GENERAL MANAGER | | PAMELA TIKKU DIRECTOR (Offg.) | Page 6 of 6 |