



C A R G 1102

Date : 07<sup>th</sup> November 2022

ANNEXURE - IV




This Certificate is issued subject to the following conditions:

- i The CNG "OE" Base Model "URBAN CRUISER HYRYDER S MT CNG" & it's variant fitted with "K15C" Bi-fuel Engine, shall have CNG Cylinder & Cylinder Valve approved by PESO, Nagpur, for the following :
  - A) The cylinders are filled at a pressure not exceeding 203.9 kgf/cm<sup>2</sup> at 15° C.
  - B) The cylinders are subjected to hydrostatic stretch test at a pressure of 340.6 kgf/cm<sup>2</sup> 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 Any Change in the CNG System Specifications or Layout will call for recertification.
- iii This Certificate is issued by ICAT exclusively for fitment of the CNG system as per the enclosed technical specifications with CNG cylinder of FJM Cylinders, on the "OE" base model "URBAN CRUISER HYRYDER S MT CNG" & it's variant fitted with "K15C" Bi-fuel engine, and would be valid till the validity of GSR 889(E) dt. 16.09.2016 or until further amendment in CMV Rules, whichever is earlier.
- iv 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. Toyota Kirloskar Motor Pvt. Ltd.
- v 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.
- vi. 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 (Rev.1) (Part A)	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 engine vehicles (as per AIS-028 (Rev.1) (Part A)) & 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 Rev. 1 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 (Rev.1) (Part A)	Code of practice for use of CNG fuel in internal combustion engine vehicles-AIS-028 (Rev.1) (Part A) and respective standards referred in the Notification No. GSR 585(E) dt. 25.09.2020	PESO / Test Agency	All

Applicability of AIS-024 Rev 1, AIS-028 Rev 1.

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AUTHORISED SIGNATORY		
		
<b>VIJAYANTA AHUJA</b> DEPUTY GENERAL MANAGER	<b>PAMELA TIKKU</b> DIRECTOR (Offg.)	Page 7 of 7 7