



C A T A 0304

Date : 27th March 2024

ANNEXURE - IA

This Certificate is issued subject to the following conditions:

- 1 The "In-Use" Diesel vehicle model "Tata LP1512/52" (2010 make),retrofitted with LNG kit of M/s. Advantek Fuel Systems Pvt. Ltd., shall have LNG Cylinder/Container and Cylinder Valve approved by Petroleum and Explosives Safety Organization (PESO) Nagpur, for the relevant provisions of the rule.
- 2 Any Change in the LNG System Specifications or Layout will call for recertification.
- 3 This Certificate is issued by ICAT exclusively for fitment of the LNG system of M/s. Advantek Fuel Systems Pvt. Ltd, with LNG Cylinder/Container of M/s. Inox India Pvt. Ltd- 450 Ltr (660mm dia), 400 Ltr (660mm), 350 Ltr (660mm), 300 Ltr (660mm) & M/s. Cryogas Equipment Pvt. Ltd -450 Ltr (660mm dia), "In-Use" diesel vehicle "Tata LP1512/52" (2010 make) with Catalytic Converter.
- 4 The onus of verification of fitness / proper functioning of LNG system on each and every vehicle, including endorsement as "operation on LNG" by the concerned Registering Authorities, under this Certificate lies with M/s. Advantek Fuel Systems Pvt. Ltd.
- 5 Registering Authorities shall, at the time of registration, verify the PESO approval for the LNG Cylinder/Container and Cylinder Valve, in respect of make / identification no. (as referred in Point 3 & 4 of Technical Specifications of LNG system) and documental reference for Quantity / Sr. No. cleared by PESO, time to time.
- 6 In addition, compliance to Safety Checks, Requirements shall be verified by the designated Authorities, as and whenever necessary, based on the following guidelines:

Annex. to AIS 024 (Rev1)(Part A)	Details	Responsibility	Applicable for LNG Vehicles
III	Checklist for fitness tests and certification for In-Use vehicles after fitment / conversion to LNG mode	Undertaking by Kit Installer, Verification by RTO	In-Use
IV	Safety checks for use of LNG fuels in internal combustion engines 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 LNG vehicle (A checklist given in the APPENDIX-A under AIS-024 (Rev.1) (Part A) 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 LNG buses before registration	RTOs before Registration / Designated Authority	All Buses
VIII	Checklist for preventive maintenance of In-Use LNG vehicles	Workshop authorised by Kit Installer	In-Use
AIS – 028 (Rev.1) (Part A)	Code of practice for use of LNG fuel in internal combustion engines vehicles-AIS 028 (Rev.1) (Part A), and respective standards referred in the Notification No. GSR 1151(E) dt. 29.11.2018)	PESO / Test Agency	All

Applicability of AIS-024 Rev1, AIS-028 Rev1, (As amended from time to time)

AUTHORISED SIGNATORY

JAYWANT HARDIKAR
HEAD-CMVR



SAURBH DALELA
DIRECTOR

