

ANNEXURE - IA

This Certificate is issued subject to the following conditions:

i	The "In-Use" Diesel vehicle model "Tata LP1512/52 (2010 make)", retrofitted with CNG kit M/s. Advantek Fuel Systems Pvt. Ltd., shall have CNG Cylinder and Cylinder Valve approved by PESO, Nagpur, for the following:		
	A)	The cylinders are filled at a pressure not exceeding 204 kgf/cm ² at 15° C.	
	B)	The cylinders are subjected to hydrostatic stretch test at a pressure of 340 kgf/cm ² as required under rule 35 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 15 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 of Advantek Fuel Systems Pvt. Ltd., with following CNG Cylinders, on the CNG Converted "In-Use" diesel vehicle "Tata LP1512/52 (2010 make)". For details of CNG cylinder refer ANNEXURE III.		
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. Advantek Fuel Systems Pvt. 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:		
	Annex. to AIS 024 (Rev1)(Part A)	Details	Responsibility
	III	Checklist for fitness tests and certification for In-Use vehicles after fitment / conversion to CNG mode	Undertaking by Kit Installer, Verification by RTO
	IV	Safety checks for use of CNG fuels in internal combustion engines vehicles (as per AIS 028(Rev.1) (Part A),) & Gas cylinder rules, 2016	PESO / Test Agency
	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)
	VI	Installation Certificate for converted CNG 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
	VII	Checklist for third party checking or inspection of built-up CNG buses before registration	RTOs before Registration / Designated Authority
	VIII	Checklist for preventive maintenance of In-Use CNG vehicles	Workshop authorised by Kit Installer
	AIS – 028 (Rev.1) (Part A)	Code of practice for use of CNG fuel in internal combustion engines vehicles-AIS 028 (Rev.1) (Part A), and respective standards referred in the Notification No. GSR 643(E) dt. 27.06.2017 & GSR 1151(E) dt. 29.11.2018)	PESO / Test Agency

AUTHORISED SIGNATORY

JAYWANT HARDIKAR HEAD-CMVR	SAURABH DALELA DIRECTOR	Page 3 of 4