

C A T A 0111

Date: 02<sup>nd</sup> February 2024

## ANNEXURE - IA

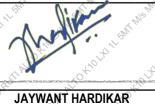
## This Certificate is issued subject to the following conditions:

- The "In-Use" Gasoline Parent Vehicle "MARUTI ALTO K10 LXI 1L 5MT" (April 2023 make), retrofitted with CNG kit of M/s Motozen Fuel Systems

  Private Limited, shall have CNG Cylinder and Cylinder Valve approved by PESQ, Nagpur, for the following:
  - A) The cylinders are filled at a pressure not exceeding 204 kgf/cm<sup>2</sup> at 15° C.
  - B) The cylinders are subjected to hydrostatic stretch test at a pressure of 340 kgf/cm² 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.
- This Certificate is issued by ICAT exclusively for fitment of the CNG system of M/s Motozen Fuel Systems Private Limited (with following CNG Cylinder) on the "In-Use" Gasoline Parent Vehicle "MARUTI ALTO K10 LXI 1L 5MT" (April 2023 make), fitted with O.E. Catalytic Converter. For details of CNG cylinder refer ANNEXURE III.
- 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 Motozen Fuel Systems Private Limited
- 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:

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7	Annex. to AIS 024 (Rev1)(Part A)	Details	Responsibility	Applicable for CNG Vehicles
N	RUTT III RUTT	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
	Ne hu	Safety checks for use of CNG fuels in internal combustion engined vehicles (as per AIS 028(Rev.1) (Part A), ) & Gas cylinder rules, 2016	PESO / Test Agency	All notol
01	N tries	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
×	Self ent ent VI Self ent	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	All
1	JOHN VII	Checklist for third party checking or inspection of built-up CNG buses before registration	RTOs before Registration / Designated Authority	All Buses
	MA	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 engined vehicles-AlS 028 (Rev.1) (Part A), and respective standards reffered in the Notification No. GSR 643(E) dt. 27.06.2017& GSR 1151(E) dt. 29:11.2018)	PESO / Test Agency	All

## **AUTHORISED SIGNATORY**



HEAD-CMVR







SAURABH DALELA DIRECTOR