



C A T A 0827

Date : 09th September 2024

ANNEXURE - IA

This Certificate is issued subject to the following conditions:

- i The "In-Use" Gasoline Parent Vehicle "MARUTI BALENO SIGMA 1.2L ISS 5MT" (August 2023 make),retrofitted with CNG kit of M/s. SHREE SURAJ ENTERPRISE. , 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/cm² 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.
- iv This Certificate is issued by ICAT exclusively for fitment of the CNG system of M/s. SHREE SURAJ ENTERPRISE, (with following CNG Cylinder) on the "In-Use" Gasoline Parent Vehicle "MARUTI BALENO SIGMA 1.2L ISS 5MT" (August 2023 make), fitted with O.E. Catalytic Converter. 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. SHREE SURAJ ENTERPRISE.
- 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 | 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 engined 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 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 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 engined 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 | All |

AUTHORISED SIGNATORY



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