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Date : 28th January 2025

ANNEXURE - V





This Certificate is issued subject to the following conditions:

- i) The CNG "OE" Base Model "SUPREME NG " ZT54E NG TC D LWB SCHOOL BUS 33 SEATER" fitted with SLTNG6 dedicated CNG engine, shall have CNG Cylinder & Cylinder Valve approved by Chief Controller of Explosive, Nagpur, for the following :
 - A) The cylinders are filled at a pressure not exceeding 200 kgf/cm² at 15° C.
 - B) The cylinders are subjected to hydrostatic stretch test at a pressure of 335 kgf/cm² 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)
- iii) Any Change in the CNG System Specifications or Layout will call for recertification.
- iv) Cylinder Pvt Ltd or M/s. Rama Cylinder Ltd. or M/s Jay Fe Cylinder Ltd. or M/s FJM Cylinders Ltd., or ZHEJIANG JINDUN PRESSURE VESSEL CO. LTD. on the "OE" base model "SUPREME NG " ZT54E NG TC D LWB SCHOOL BUS 33 SEATER" fitted with SLTNG6 dedicated CNG engine with catalytic converter, and would be valid till the validity of GSR 853(E) dt. 19.11.2001 / GSR 589 (E) dt. 16.09.2005/ GSR 84 (E) dt. 01.04.2010 or until further amendment in CMV Rules, whichever is earlier.
- 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. SML ISUZU 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:

| Annexure to AIS 024 | 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 engines vehicles (as per AIS 028) & 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 Version 5 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 | Code of practice for use of CNG fuel in internal combustion engines vehicles-AIS 028 and respective standards referred in the Notification No. GSR 643(E) dt. 27.06.2017 | PESO / Test Agency | All |

Applicability of AIS 024 & AIS 028: Version 5 w.e.f. September 2017

End Of Document

| AUTHORISED SIGNATORY | | |  |  |  |
|---|--|---|---|--|---|
|  | <p>JAYWANT HARDIKAR HEAD-CMVR</p> | <p>SAURABH DALELA DIRECTOR</p> | | | |