



C A S A 0231

Date : 02nd March 2023

ANNEXURE - I

| Rule No. | Sub Rule(s) | Compliance Verified For | Standard |
|--|--|---|---|
| 94 | (1), (2) & (3) | Condition of tyres | - |
| 95 | - | Size & ply rating of tyres | - |
| | | Front & Rear | |
| 114 | (1) | Exhaust gases | GSR 240(E) dt. 31.03.2021 |
| | (2) | Location of exhaust pipes | |
| 115 | (1), (2)(i) & 115 [15 (a), (aa) & (b) (ii (A&B)) | Emission of smoke, vapour, etc. from motor vehicle (In CNG mode) | - |
| 115-B | B. (II) & (D) | Mass Emission Standards for CNG vehicles (For in-use Diesel Vehicle converted to CNG) | GSR 84 (E) dt. 09.02.2009 |
| | (1) (E) | - CNG Safety Checks for CNG Kit Components and Installation on the vehicle | As per AIS 024 Rev1 & 028 Rev1 and respective standards referred in the Notification No.GSR 643(E) dt. 27.06.17, GSR 490(E)dt.24.05.18 & Gas Cylinder Rules, 2016 |
| 124 | (4) Sl. No. 5 | The procedure for Type Approval and establishing Conformity of production for components – CNG Pressure Regulator Model No : Super ,TAC No. CJ5195 dt. 29.06.2018 CoP Certificate No: CC0GR 9187 dt. 01.07.2022 | GSR 784(E) dt. 12.11.2008 |
| 124(1) | 21(ii) | Electromagnetic compatibility (EMC) | AIS-004 (Part 3) |
| Mass Emission Test, Engine Performance,Gradeability,Range Test, Cooling Performance, and Fuel Consumption Test. (Ref: GSR 589(E) dt. 16-09-2005 , GSR No. 853(E) dt. 19-11-2001& GSR 84 (E) dt. 09.02.2009) | | | Meets the requirement of sub clauses (i),(ii),(iii),(v), (vi) & (vii) |

ANNEXURE - II

| Standards | Notification | Date | Effective From | Applicable CMVR |
|--|--------------|------------|----------------|-----------------|
| Safety Checks for use of CNG Fuels in internal combustion engined vehicles (as per AIS 024 & 028(Rev.1) (Part A)) and Gas Cylinder Rules, 2016 | GSR 643(E) | 27.06.2017 | 27.06.2017 | 115-B (1)(E) |
| | GSR 490(E) | 24.05.2018 | 01.10.2018 | |

Compliance of Mass Emission Standards & Validity: Ref. 115B(1) B.(II) Clause (c (iv)) as per GSR 84(E) dt. 09.02.2009

CNG converted "In-use " diesel vehicle "Swaraj Mazda T3500 (March 2012 make)" fitted with SLT3 engine, when fitted catalytic convertor as a part of CNG kit, meets the Bharat Stage – IV norms, manufactured from 1st January 2012 to 31st March 2020

ICAT Ref No. 2022-0867.; IOCS No. 159997

Emission Report No. C T O E S 0055 dt. 31.01.2023 & C T O E S 0044 dt. 27.01.2023 for OBD (Spark Plug-BOSCH (FR7DC4), Catcon-Jiolat Auto Gas Industries (CC990001), Gas Injector- STAG (ACW01-04)

AUTHORISED SIGNATORY

| | | |
|---|-----------------------------------|-------------|
| | | |
| MADHUSUDAN JOSHI DEPUTY GENERAL MANAGER | SAURABH DALELA DIRECTOR | Page 2 of 4 |