



C A S A 0183

Date : 22nd February 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: RMJ 3.2, TAC No. AA 1062 dt. 01.04.2010 Extension Report No.: SHL/239/2014-2015/6789/0323 dt. 11.02.2015, CoP Certificate No: CC0GQ 9109 dt. 18.03.2021 | GSR 784(E) dt. 12.11.2008 |
| 124(1) | 21(ii) | Electromagnetic compatibility (EMC) | AIS-004 (Part 3) |
| Mass Emission Test, Engine Performance, Gradeability, Fuel Consumption Test & Cooling Performance, (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), (iv) & (vii) |

ANNEXURE - II

| Standards | Notification | Date | Effective From | Applicable CMVR |
|---|--------------|------------|----------------|-----------------|
| Safety Checks for use of CNG Fuels in internal combustion engine 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 "AL 1616 (March 2013 make)" fitted with HA6ET13K engine, when fitted catalytic converter as a part of CNG kit, meets the **Bharat Stage – IV** norms, manufactured from **1st January 2013 to 31st March 2020**

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| ICAT Ref No. | IOCS No. 164352 |
| Emission Report No. | C T O E S 0013 dt. 12.01.2023 (Spark Plug-NGK, Catcon-Ecocat India Ltd (VICAT), Gas Injector- LOVATQ(KP)) |

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