



**C A R A 1137**

**Date : 23<sup>rd</sup> November 2022**

**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: CNG SR03A SUPER, TAC No. CK5249 dt. 26.09.2019 CoP Certificate No: CC0GQ 9102 dt. 15.03.2021 | 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, 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), (iv) & (vii)  |

**ANNEXURE - II**

| Standards   | Notification | Date       | Effective From | Applicable CMVR |
|---|--------------|------------|----------------|-----------------|
| Safety Checks for use of CNG Fuels in internal combustion engines (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 "EICHER 10.90 L Skyline (March 2012 make)" fitted with E483 engine, when fitted catalytic converter as a part of CNG kit, meets the **Bharat Stage – IV** norms, manufactured from **1<sup>st</sup> January 2012 to 31<sup>st</sup> March 2020**

|                            |   |
|----------------------------|---|
| <b>ICAT Ref No.</b>        | 2022-1445.; IOCS No. 162401   |
| <b>Emission Report No.</b> | C T O E R 0322 dt. 09.08.2022<br>(Spark Plug-NGK (KR6A10), Catcon-SUV CNG SOLUTIONS (SUV CNG-001), Gas Injector- MIJO(M1R01)) |

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|---|---|---|--|
| <b>AUTHORISED SIGNATORY</b>                             |   | <br><b>PAMELA TIKKU</b><br><b>DIRECTOR (Offg.)</b> | <br><b>ICAT</b><br><small>Innovation • Service • Excellence</small> |
| <b>VIJAYANTA AHUJA</b><br><b>DEPUTY GENERAL MANAGER</b> | <br><b>MANESAR</b> |   |  |