







C A S A 0805 V01

Date : 28<sup>th</sup> March 2025

### ANNEXURE - IA

| This Certificate is issued subject to the following conditions: |   |   |  |                                    |
|---|---|---|--|------------------------------------|
| i   | The "In-Use" Gasoline Parent Vehicle "TATA TIAGO XE 1.2RTN BS6PH2" (April 2023 make),retrofitted with CNG kit of <b>M/s Motozen Fuel Systems Private Limited</b> , 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/cm <sup>2</sup> at 15° C.  |  |                                    |
|   | B)  | The cylinders are subjected to hydrostatic stretch test at a pressure of 340 kgf/cm <sup>2</sup> 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 <b>M/s Motozen Fuel Systems Private Limited</b> , (with following CNG Cylinder) on the "In-Use" Gasoline Parent Vehicle "TATA TIAGO XE 1.2RTN BS6PH2" (April 2023 make), fitted with O.E. Catalytic Converter. <b>For details of CNG cylinder refer ANNEXURE III.</b> |   |  |                                    |
| 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 <b>M/s Motozen Fuel Systems Private Limited</b>  |   |  |                                    |
| 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:   |   |  |                                    |
|   | <b>Annex. to AIS 024 (Rev1)(Part A)</b>   | <b>Details</b>  | <b>Responsibility</b>  | <b>Applicable for CNG Vehicles</b> |
|   | 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.)<br>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

|   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| JAYWANT HARDIKAR<br>HEAD-CMVR   |   | SAURABH DALELA<br>DIRECTOR   | Page 3 of 4   |