

2993/CB/TPT

15/9/16

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
TRANSPORT DEPARTMENT: OPERATION BRANCH
5/9, UNDER HILL ROAD: DELHI – 110054

DC/OPS/696/2016/ 29/0 - 13

Dated: September 09, 2016

CIRCULAR

The Competent Authority, Transport Department, Government of NCT of Delhi is pleased to allow the registration approval VARIANTS TO BASE MODEL TATA LPT 909 CNG / 3800 WB BS-IV, manufactured by M/s Tata Motors Ltd. as per the details contained in the Type Approval Certificate issued by designated testing agency under Rule 126 of CMV Rule, 1989 i.e. ARAI, Pune for the compliance to the Central Motor Vehicle Rules.

VARIANTS TO BASE MODEL TATA LPT 909 CNG / 3800 WB BS-IV		TYPE/ DESCRIPTION CATEGORY-N-2 Full forward control Truck Chassis with:	Gww kgs	Load carrying capacity
1	TATA LPT 909 CNG / 38 WB BS	Cab & Loadbody (4 Cylinder)	10400	5976
2	TATA LPT 909 CNG / 38 WB BS	Cab & Loadbody (3 Cylinder)	10400	6090
3	TATA LPT 909 CNG / 38 WB BS	Cab & without Loadbody (4 Cylinder)	10400	Tobe verified after body building
4	TATA LPT 909 CNG / 38 WB BS	Cab & without Loadbody (3 Cylinder)	10400	
5	TATA LPT 909 CNG / 38 WB BS	Cab & Loadbody (4 Cylinder)	10550	6126
6	TATA LPT 909 CNG / 38 WB BS	Cab & Loadbody (3 Cylinder)	10550	6240
7	TATA LPT 909 CNG / 38 WB BS	Cab & without Loadbody (4 Cylinder)	10550	Tobe verified after body building
8	TATA LPT 909 CNG / 38 WB BS	Cab & without Loadbody (3 Cylinder)	10550	
Certificate No. / date/ agency		AAFA 0186 V01 dated 18.03.2016 of ARAI, Pune		
Seating Capacity		3 persons including Driver		
Engine(model /type)		Dedicated CNG Engine. 3.8 SGI 72 spark ignition		
Power		62 kW @ 2500 rpm (3783 cc)		
Tyres size Tube Type		Fr. Single & Rr Dual 8.25-16 PR Make: CEAT/ /Appollo/JK/MRF/Birla		
Technical specifications of CNG		Annexure-III to ARAI Certificate dated 18.03.2016 is attached.		
Vehicle manufacturer		M/s Tata Motors Ltd., Pimpri, Pune-411018.		
Engine manufacturer		Plant: Pune/ Jamshedpur / Lucknow / Dharward.		

Vide Type approval certificate No.(s) detailed above, the testing agency ARAI, Pune has certified that the above base model and its variants comply with the provisions of the CMVR, 1989, as detailed in Annexure-I, IA & IB to AAFA 0186 V01 dated 18.03.2016, including following requirements:

Contd/...

Standards			Notification	Date	Effective From	Applicable CMVR	
CNG (with OE fitment)			GSR 853 (E)	19.11.2001	19.05.2002	115B B.(i)	
			GSR 589 (E)	16.09.2005	16.09.2005		
			GSR 686 (E)	20.10.2004	01.04.2005	115(14)(D)	
Prevalent Type Approval norms for Diesel Vehicles	Bharat Stage -III	For Notified Areas	GSR 443 (E)	21.05.2010	01.10.2010		115(14)(G)
		All over India			GSR 84(E)	09.02.2009	OBD I
	Bharat Stage -IV	As per Notified Areas	GSR 443(E)	21.05.2010			OBD II
		Idlling CO & NMHC			GSR 103(E)	23.02.2012	23.02.2013
	Passby Noise Limits		GSR 111(E)	10.02.2004			01.04.2005
Brakes/Lamps/Reflex Reflectors/ Category of vehicle/ Tyres/Vin Number / Seats, Anchorages, Head Restraints and other Safety Components			S.O 1365(E)	13.12.2004	Notified dates		ANNEXURE-II/ ANNEXURE-IA & ANNEXURE-IB
			GSR 589 (E)	16.09.2005			
			GSR 784(E)	12.11.2008			
			S.O. 436(E)	15.03.2012			

The approval is accorded subject to the responsibility of the manufacturer for ensuring the fitment of the same component, parts/ assemblies etc. the details of which are given in the detailed specifications duly endorsed by the ARAI, at the time of submission of the vehicles for COF/Registration. Manufacturer should ensure that the vehicle is delivered fully build by them and no element of local body building is involved. Further, the model and its variants will not be registered unless the manufacturer intimates the Ex-showroom price to the department.

All MLOs/CMVI (Burari) are requested to accept the VARIANTS TO BASE MODEL TATA LPT 909 CNG / 3800 WB BS-IV, complying Bharat Stage-IV emission norms, manufactured by M/s Tata Motors Ltd., , in NCT of Delhi subject to fulfillment of provisions of Motor Vehicle Act and rules made thereunder and the department's instructions/order issued from time to time in this regard.

(Signature)
09/09/2016
(VIKAS JAIN)
PCO (OPERATIONS)

Dated: September __, 2016

DC/OPS/696/2016/

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department .
2. M/s Tata Motors Ltd., Pimpri, Pune-411018
3. Sr. SA, Computer Branch, Transport Department
4. Guard File.

(Signature)
09/09/2016
(VIKAS JAIN)
PCO (OPERATIONS)

W

ANNEXURE-III

To

CMVR CERTIFICATE No.

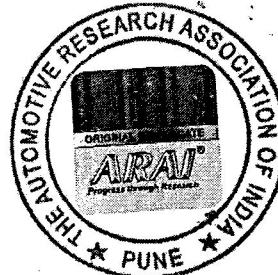
A A F A 0186

V01 dated: 18th March 2016

i.	The CNG "OE" variants given at "ANNEXURE-II", fitted with 3.8 SGI 72 dedicated CNG engine and Catalytic Converter, shall have CNG Cylinder and Cylinder Valve approved by Chief Controller of Explosives, Nagpur, for the following :													
	a)	The cylinders are filled at a pressure not exceeding 200 (kg/cm ²) / (MPa) at 15° C.												
	b)	The cylinders are subjected to hydraulic stretch test at a pressure of 335 (kg/cm ²) / (Mpa) as required under rules 39 to 42 of the Gas Cylinders Rules, 1981.												
	c)	Other relevant provisions of the said rules are complied with.												
ii.	CNG Mixer is of the type and design (Ref. Point 13 of Technical Specifications of CNG system) as per the prototype submitted to ARAI.													
iii.	Any Change in the CNG System Specifications or Layout will call for recertification.													
iv.	This Certificate is issued by ARAI exclusively for fitment of the CNG system, as per the enclosed CNG specifications, and following CNG cylinders on the "OE" variants given at "ANNEXURE-II", fitted with 3.8 SGI 72 dedicated CNG engine and 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. 09.02.2009/ GSR 443(E) dt. 21.05.2010 or until further amendment in CMV Rules, whichever is earlier.													
		<table border="1"> <thead> <tr> <th>CNG Cylinder</th> <th>Option : 1</th> <th>Option : 2</th> <th>Option : 3</th> </tr> </thead> <tbody> <tr> <td>Manufacturer</td> <td>M/s. Everest Kanto</td> <td>M/s. Rama Cylinders</td> <td>M/s. Nitin Cylinders</td> </tr> <tr> <td>Capacity, Liter</td> <td colspan="2">150 / 65 / 198</td> <td>150 / 65</td> </tr> </tbody> </table>	CNG Cylinder	Option : 1	Option : 2	Option : 3	Manufacturer	M/s. Everest Kanto	M/s. Rama Cylinders	M/s. Nitin Cylinders	Capacity, Liter	150 / 65 / 198		150 / 65
CNG Cylinder	Option : 1	Option : 2	Option : 3											
Manufacturer	M/s. Everest Kanto	M/s. Rama Cylinders	M/s. Nitin Cylinders											
Capacity, Liter	150 / 65 / 198		150 / 65											
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. Tata Motors Ltd.													
vi.	Registering Authorities shall, at the time of registration, verify the CCoE 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 DoE, 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 <u>In-Use</u> 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 engine vehicles (as per AIS 028) and Indian Gas Cylinder Rules, 2004	CCoE / 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 3 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 <u>built-up CNG buses before registration</u>	RTOs before Registration / Designated Authority	All Buses										
	VIII	Checklist for preventive maintenance of <u>In-Use</u> CNG vehicles	Workshop authorised by Kit Installer	In-Use										
	AIS - 028	Code of practice for use of CNG fuel in internal combustion engine vehicles - AIS 028 and Respective Standards referred in the Notification No. GSR 534(E) dt. 24.07.2014	CCoE / Test Agency	All										
	Applicability of AIS 024 Latest Amendment: Amendment 7 to Version 3 w.e.f. 05.12.2014													

AUTHORISED SIGNATORY


A. A. BADUSHA
SR. DEPUTY DIRECTOR & HEAD
HOMOLOGATION MANAGEMENT, REGULATION &
VEHICLE EVALUATION, ARAI, PUNE.



AUTHORISED SIGNATORY


S. M. HARAGAPURKAR
SR. DEPUTY DIRECTOR
ARAI, PUNE.