

3387/CB/RR
30/11/16

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

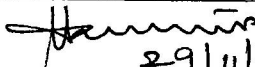
No. F. 22(95)/TPT/OPS/2016/4788-91

Dated 29-11-2016

CIRCULAR

The Competent Authority is pleased to grant the approval of CNG Kit identification "LOVATO AUTO GAS Sequential" manufactured M/s Lovato Gas S.p.A B-101, Bellona Building No. 1, 90 ft road Ghatkopar (East), Mumbai-400075 for retro fitment on "in-use" gasoline vehicles manufactured/registered from 01st April 2010 till 31st March 2013 falling within the stipulated engine capacity 1189.5 to 1982.5 cm³. The CNG Kit is duly approved by the designated agencies i.e. ICAT Manesar Gurgaon for compliance to the Central Motor Vehicles Rules. The details of CNG Kit are given hereunder:-

Vehicle Model retrofitted/Month & Year of Manufacture/Regn.			Approved by the Testing Agency vide Certificate No.
With reference to Base Type Approval Certificate no. CALA0172 dated 20 th October, 2016 referred herein above issued by designated testing agency i.e. ICAT, Manesar, Gurgaon and on the basis of layout plans submitted by the manufacturer / kit supplier / retrofitter, the ICAT has certified that retro-fitment of above CNG Kit on the following MPFI "In-Use", base model fitted with Catalytic Converter falling within the stipulated engine cm ³ range (1189.5 to 1982.5 cm ³) as per layout plan comply with provisions of the Central Motor Vehicle Rules 1989, under Rule 115B, Explanation (g), as amended upto date :-			Certificate No. CALA0172 L01 dated 21 th October 2016 Case No. : 2016-592 (IOCS Ref: 47244) Reference No. CALA0172 dated 20 th October 2016 Case No. 2016-433 (IOCS Ref: 46418) Emission Test Report CTOPL 0594 dated 19.09.2016 (Rama Cylinder – Suzuki Cat Con-Bosch-Spark Plug)
Sr.No.	Model	Engine cm ³	Vintage of Vehicles Annexure – II to CAJA CALA0172 L01 dated 21 th October 2016 1 st April 2010 till March 2013.
1.	AUDI A3	1798	
2.	AUDI A4 1.8L	1798	
3.	CHEVROLET AVEO	1399	
4.	CHEVROLET AVEO	1598	
5.	CHEVROLET ENJOY	1399	
6.	CHEVROLET OPTRA MAGNUM	1598	
7.	FIAT GRAND PUNTO	1368	
8.	FIAT LINEA	1368	
9.	FORD ECOSPORT	1499	
10.	FORD FIESTA	1596	
11.	FORD IKON	1597	
12.	HM AMBASADOR	1817	
13.	HONDA CITY	1497	
14.	HONDA CIVIC	1799	
15.	HONDA ACCENT	1495	


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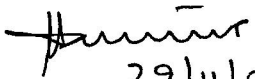
16.	HYUNDAI VERNA 1.4	1396
17.	HYUNDAI VERNA 1.6	1599
18.	HYUNDAI i20	1396
19.	MAHINDRA LOGAN 1.4	1390
20.	MAHINDRA LOGAN 1.6	1598
21.	MAHINDRA VERITO 1.4	1390
22.	MAHINDRA VERITO 1.6	1598
23.	MARUTI CIAZ	1372
24.	MARUTI ERTIGA	1373
25.	MARUTI GYPSY	1298
26.	MERCEDES BENZ C200	1796
27.	NISSAN SUNNY	1498
28.	RENAULT SCALA	1498
29.	SKODA FABIA	1598
30.	SKODA LAURA	1798
31.	SKODA OCTAVIA	1781
32.	SKODA RAPID	1598
33.	SKODA SUPERB	1798
34.	TATA INDIGO MARINA	1405
35.	TATA INDIGO MANZA	1368
36.	TOYOTA COROLLA ALTIS	1798
37.	TOYOTA ETIOS CROSS LIVA	1496
38.	TOYOTA ETIOS	1496
39.	VOLKSWAGEN JETTA	1595
40.	VOLKSWAGEN POLO	1598
41.	VOLKSWAGEN VENTO	1598

Vintage of Vehicles
Annexure – II to CAJA CALA0172 L01 dated 21th October 2016
1st April 2010 till March 2013.

Validity – This certificate is valid upto **19.10.2019** i.e. **3 years** from the date of issue of base type approval certificate no. **CALA 0172** dated **20th October 2016** or until further amendment in CMVR Rules, whichever is earlier

The fitment of CNG system installed by **M/s Lovato Gas S.p.A. Itlay, C/o M/s Officine Lovato Pvt. Ltd, B-101, Bellona Building No. 1, 90 ft road Ghatkopar (East), Mumbai-400075, Maharashtra India** (with following CNG cylinder) on the "in-use" Gasoline vehicle base model "Maruti SX4 (October 2010 make)" fitted with O.E. Catalytic Converter.

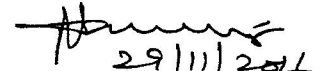
CNG Cylinders Option	1	2	3	4	5	6
Manufacturer	M/s Confidence Petroleum India Ltd.	M/s Lizer Cylinders Ltd.	M/s Associate High Pressure Technologies	M/s. Nitin Cylinders Pvt. Ltd.	M/s Maruti Koatsu Cylinder Ltd.	M/s Everest Kanto Cylinder Ltd.
Capacity Ltr.	60,65 &70 (Dia 356 & 325 mm)	60, 65 &70 (Dia 355.6 mm)	60,65 & 70 (Dia 316 & 356 mm)	60,65 &70 (Dia 316, 325 & 356 mm)	60,65&70 (Dia 356 mm)	60,65&70 (Dia 316,323.8 & 356 mm)
CNG Cylinders Option	7	8	9	10	11	
Manufacturer	M/s Euro India Cylinders Ltd.	M/s Jay Fe Cylinders Ltd.	M/s Rama Cylinders Pvt. Ltd.	M/s Sarju Impex Ltd.	M/s Sahuwala High Pressure Cylinder (P) Ltd.	
Capacity Ltr.	60 (Dia 267mm) & 60,65 (Dia 316mm),& 60,65,70 (356 mm)	60,65 &70 (Dia 317 & 356 mm)	60,65 &70 (Dia 317,323.8 & 356 mm)	60 (Dia 267 mm) & 60,65,70 (Dia 316&356 mm)	60,65,70 (Dia 325mm)	


29/11/2016

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMVR Rules 1989. The retro-fitment should be carried out by the authorized workshops only. Further, approval is accorded subject to ensuring fitment of same components, parts/assemblies etc. details of which are given in the detailed specification duly endorsed by the ICAT at the time of submission of vehicle for inspection/endorsement of CNG in registration certificate.

The Kit Manufacture/Installer must comply with Annexure-II to the TAC No CALA 0172 dated 20th October 2016, and also invariably enclose its certified copy along with CNG installation certificate (Annexure VI) and checklist (Annexure-VII) of AIS:024 and specific layout plan of model approved by ICAT.

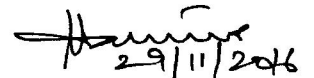
All MLOs/Registering Authorities shall, at the time of endorsement of CNG fuel in registration certificate, verify the CCoE approval for the CNG cylinder and cylinder Valve, in respect of make/identification number (as referred in Technical Specification of CNG system endorsed by ICAT) and documental reference for quantity/Sr.No. Cleared by DoE, time to time. Further, it should also be ensured that the fitment of kit must be in accordance with the layout plan for fitment, terms & condition and validity given in the type approval certificate subject to fulfillment of provisions of Motor Vehicle Act, 1988 and Rules made there under and department instruction/order issued from time to time in this regard.


29/11/2016
(VIKAS JAIN)
PCO (OPS)
Date 29-11-2016

No. F. 20(95)/TPT/OPS/2016/4788-91

Copy forwarded for information and necessary action to :-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department
2. M/s Lovato Gas S.p.A. Itlay,B-101, Bellona Building No. 1. 90 ft road Ghatkopar (East), Mumbai-400075
3. S.A. (Computer) for uploading on the website
4. Guard File


29/11/2016
(VIKAS JAIN)
PCO (OPS)