

1/3

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

No. F.DC/OPS/TPT/220/2014/075292477/ 6645-48

Dated 18.02.2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "**Lovatek (AE-15)**" manufactured **M/s. Rutu Auto Gas Pvt. Ltd.**, 9, Parvatinagar, B/H, Shyamal Row Houses-3/A, Satellite, Ahmedabad-380 015, India, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (**899.25 to 1498.75 cc**) fitted with **OE catalytic converter** as part of CNG Kit, manufactured / registered from **01st April 2013 till the validity of BS-IV norms (OBD II)**. The CNG Kit is dully approved by the designated agency i.e ICAT, Manesar, Gurgaon for compliance to the Central Motor Vehicles Rules. The details of CNG Kit are given hereunder:-

With reference to Base Type Approval Certificate No. CAJA 0100 dated 09/09/2014 issued by designated testing agency 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 CNG kit " Lovatek (AE-15) " on the following MPFI 'in-use' base model fitted with OE catalytic converter falling within the stipulated engine cylinder capacity range (899.25 to 1498.75 cc) as per approved layout plan of vehicle models comply with provisions of Central Motor Vehicles Rules 1989, under rule 115B :	Approved by the Testing Agency vide certificate No. <u>Certificate No.</u> CAJA 0100 L01 dated 15 th December 2014 Case No. : 2014-418 (IOCS No. : 36480)
---	---

S.No	Model	Engine cm3	Vintage of Vehicles
1.	CHEVROLET SPARK	995	1 st April 2013 till the validity of Bharat Stage IV norms
2.	FORD FIGO	1196	
3.	FORD FIESTA 1.4	1196	
4.	HONDA JAZZ	1198	
5.	HONDA BRIO	1198	
6.	HONDA CITY	1497	
7.	HYUNDAI VERNA FLUIDIC 1.4	1396	
8.	HYUNDAI i10 MAGNA	1197	
9.	HYUNDAI i10 ERA	1086	
10.	HYUNDAI i20 1.2	1197	
11.	HYUNDAI i20	1396	
12.	HYUNDAI SANTRO XING	1086	
13.	HYUNDAI ACCENT	1495	
14.	MARUTI ZEN ESTILO	998	
15.	MARUTI ALTO K10	998	
16.	MARUTI EECO (5 SEATER)	1196	
17.	MARUTI EECO (7 SEATER)	1196	
18.	MARUTI RITZ	1197	

[Signature]
18/2/2016

2115/CB/MF
19-2-16

2/3

19.	MARUTI WAGON R	998
20.	MARUTI SWIFT	1197
21.	MARUTI SWIFT DZIRE	1197
22.	NISSAN MICRA	1198
23.	NISSAN SUNNY	1498
24.	TATA INDICA XETA V2	1193
25.	TATA INDIGO CS	1193
26.	TOYOTA ETIOS LIVA	1197
27.	TOYOTA ETIOS	1496
28.	VOLKSWAGEN POLO	1198
29.	MARUTI ERTIGA	1373
30.	HONDA AMAZE 1.2	1198
31.	CHEVROLET SAIL	1199
32.	CHEVROLET SAIL U-VA	1199
33.	CHEVROLET ENJOY	1399
34.	RENAULT PULSE	1198
35.	RENAULT SCALA	1498
36.	HYUNDAI XCENT	1197
37.	MARUTI EECO CARGO	1196
38.	TATA INDICA VISTA	1172
39.	TATA ZEST	1193
40.	HONDA MOBILIO	1497
41.	RENAULT DATSUN GO	1198
42.	FIAT PUNTO EVO	1172
43.	FIAT LINEA	1368

1st April 2013 till the validity of Bharat Stage IV norms

Validity :

- This Certificate is valid for 3 years from the date of issue of base type approval certificate No. CAJA 0100 dated 09th September 2014 or until further amendment in CMVR Rules, whichever is earlier.

2. Details of CNG Cylinders

CNG Cylinder	Option 1	Option 2	Option 3	Option 4	Option 5
Manufacturer	M/s. Everest Kanto Cylinder Ltd.,	M/s. Rama Cylinders Pvt. Ltd.,	M/s. Lizer Cylinders Ltd.	M/s. JAY FE Cylinders Ltd.	M/s. Sahuwala High Pressure Cylinders(P) Ltd.
Capacity, Ltr.	60 & 65	55,60, 65 & 70	60	60 & 65	60 & 65

3. Details of Cylinder Valves

Cylinder Valve	Option
Name of the manufacturer	OMB ITALY
Model Name / Identification	MONOBLOCCO / MANUAL

4. Details of Refilling Valves

Refilling Valve	Option
Name of the manufacturer	Akash Engineering
Model Name / I.D/Type	Argo 110R / NZS

5. Details of Pressure Regulator

Name of the manufacturer	M/s. Akash Engineering
Model Name / Identification/Type	LOVATEK (Model no.ae-15) TAC No. CDO771 Dt. 10/05/2013 / ID AE-15 & Srno 1045 / SEQUENTIAL

[Handwritten signature and date]
10/05/2016

8/3

6. Details of Pressure Indicator	
Name of the manufacturer	WIKA
Identification / Type	WIKA / MECHANICAL DIAL TYPE
7. Details of Gas Injector	
Name of the manufacturer	RAIL S.p.A
Identification / Type	IG-B-I SR.No.1001
8. Details of Service shut off valve	
Name of the manufacturer	INBUILT IN REFILLING VALVE AERFV-01
Identification / Type	

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989 amended from time to time. The retro-fitment shall 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.

The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No CAJA 0100 dated 09/09/2014 and also invariably encloses certified copy of specifications 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/CMVI 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, from 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.

(MAHARAJ SINGH)
MVI (OPS)

No. F.DC/OPS/TPT/220/2014/075292477/6645-48

Dated Feb., 2015

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. Rutu Auto Gas Pvt. Ltd., 9, Parvatnagar, B/h, Shyamal Row Houses-3/A, Satellite, Ahmedabad-380 015, India.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)