

1356/CBMP/L
1/4

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

No. F.23(740)/TPT/OPS/2012/ 2531-34

Dated 09/11/2015

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "AUTOMOTO" manufactured M/s. AUTOMOTO Sequential Systems, T-2/188, Mangolpuri Industrial Area, Phase-1, Delhi-110083, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (748.5 to 1247.5 cc) fitted with catalytic converter as part of CNG Kit manufactured / registered from 01st April 2013 till the validity of BS-IV norms. 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. CAKA 0130 dated 22 nd September 2015 issued by designated testing agency ICAT, Manesar, Gurgaon and on the basis of layout plans submitted by the manufacturer/ kit supplier/ retrofitter for the following additional MPFI (fitted with OE catalytic converter) "in-use" CNG converted vehicle models falling within the stipulated engine range (748.5 to 1247.5 cm ³) which are manufactured / registered from 01/04/2013 till the validity of BS-IV norms, meets the Bharat Stage-IV mass emission norms. The kit can therefore be fitted on the MPFI vehicles fitted with O.E. catalytic converter, subject to specific approval, for layout plan by ICAT, for retro fitment of CNG kit in each vehicle model:-			Approved by the Testing Agency vide certificate No. Certificate No. CAKA 0130 L01 dated 30 th September 2015 Case No. : 2015-471 (IOCS No. : 40758) Emission Test Report No. : CTOPK 0403 Dt. 09.09.2015
S.No.	Model	Engine cm3	Vintage of Vehicles
1.	MARUTI OMNI CARGO	796	1 st April 2013 till the validity of Bharat Stage IV norms
2.	MARUTI ALTO 800	796	
3.	MARUTI OMNI (5 SEATER)	796	
4.	MARUTI OMNI (8 SEATER)	796	
5.	MARUTI A STAR	998	
6.	MARUTI ZEN ESTILO	998	
7.	MARUTI ALTO K10	998	
8.	MARUTI CELERIO	998	
9.	MARUTI WAGON R STINGRAY	998	
10.	MARUTI EECO CARGO	1196	
11.	MARUTI EECO (5 SEATER)	1196	
12.	MARUTI EECO (7 SEATER)	1196	
13.	MARUTI EECO AMBULANCE	1196	
14.	MARUTI SWIFT	1197	
15.	MARUTI SWIFT DZIRE	1197	
16.	MARUTI RITZ	1197	
17.	HYUNDAI EON	814	
18.	HYUNDAI SANTRO XING	1086	

ms Kojali
11/11/15

[Signature]

2/4

19.	HYUNDAI i10	1086	1st April 2013 till the validity of Bharat Stage IV norms
20.	HYUNDAI GRAND i10	1197	
21.	HYUNDAI i20	1197	
22.	HYUNDAI XCENT	1197	
23.	CHEVROLET SPARK	995	
24.	CHEVROLET BEAT	1199	
25.	CHEVROLET SAIL	1199	
26.	CHEVROLET SAIL UVA	1199	
27.	HONDA BRIO	1198	
28.	HONDA JAZZ	1198	
29.	HONDA AMAZE	1198	
30.	TATA INDIGO ECS	1193	
31.	TATA INDICA EV2	1193	
32.	TATA ZEST	1193	
33.	TATA BOLT	1193	
34.	FORD ECOSPORT 1.0	999	
35.	FORD FIGO	1196	
36.	FORD FIGO ASPIRE	1196	
37.	DATSUN GO	1198	
38.	DATSUN GO PLUS	1198	
39.	FIAT PUNTO	1172	
40.	VOLKSWAGEN POLO	1198	
41.	SKODA FABIA	1198	
42.	NISSAN MICRA	1198	
43.	TOYOTA ETIOS LIVA	1197	
44.	TOYOTA ETIOS CROSS	1197	
45.	RENAULT PULSE	1198	
46.	RENAULT KWID	799	

Validity :

1. This Certificate is **valid for 3 years** from the date of issue of base type approval certificate no. CAKA 0130 dated 22nd September 2015 or until further amendment in CMVR Rules, whichever is earlier.
2. The retro fitment of CNG Kit ID Automoto in above 46 vehicles as referred in Annexure-II of Certificate No. CAKA 0130 L01 dated 30/09/2015 is subject to specific layout plan of each vehicle model approved by the ICAT.

[Handwritten signature]
30/09/2015

3/4

3. Details of CNG Cylinders				
CNG Cylinder	Option 1	Option 2	Option 3	Option 4
Manufacturer	M/s. Rama Cylinders Ltd.,	M/s. Associate High Pressure Technologies Pvt. Ltd.	M/s. Everest Kanto Cylinder Ltd.,	M/s. Sarju Impex Ltd.
Capacity, Ltr.	60, 65,70 Ltr.	60, 65,70 Ltr.	60, 65,70 Ltr.	60, 65,70 Ltr.
4. Details of Cylinder Valves				
Cylinder Valve	Option 1		Option 2	
Name of the manufacturer	M/s. Batra Associate Ltd.		M/s. OBM Saleri S.p.A., Italy	
Model Name / Identification	BV/CNG-1/000		Alfa / 122 779	
5. Details of Refilling Valves				
Refilling Valve	Option 1	Option 2		Option 3
Name of the manufacturer	EMER S.r.l	M/s. OBM Saleri S.p.A., Italy		Automoto Sequential Systems
Model Name / I.D/Type	DGM41037GM / NZS	AGRO (NZ)/built in excess flow valve		Automoto / NZS
6. Details of Pressure Regulator				
Name of the manufacturer		Automoto (TAC : CF2329)		
Model Name / Identification/Type		RRISM/13 (ID No.-N-12443)/2-stage with electronic starting device		
7. Details of Catalytic converter				
Manufacturer/Model / ID		OE fitted Suzuki 67L COI		
8. Details of Pressure Indicator				
Name of the manufacturer		Automoto		
Identification / Type		CNG-Bottom Mounting / Manometer Type		
9. Details of Service shut off valve				
Name of the manufacturer		M/s. Batra Associates Ltd.	OMB Saleri S.p.A.	
Identification / Type		CM/L1224936, Toggle Knob Type	198/1, Toggle Knob Type	

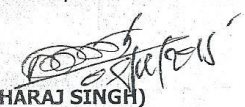
Handwritten signature/initials

44

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989. 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 CAKA 0130 dated 22/09/2015 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.23(740)/TPT/OPS/2012/ 2531-34

Dated 09/11/2015

Copy forwarded for information and necessary action to:-

2. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. AUTOMOTO Sequential Systems, T-2/188, Mangolpuri Industrial Area, Phase-1, Delhi-110083.
3. S.A (Computer) for uploading on the website of the department.
5. Guard File.


(MAHARAJ SINGH)
MVI (OPS)