2163 CB 1797
3131

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/CD No. 075292477/ 6532-34

Dated: 01/03/2016

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, India, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range 897.75 to 1496.25 cc) fitted with OE catalytic converter as part of CNG Kit, manufactured / registered from 01st April 2010 till the 31/03/2013. 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 0191 dated 18.12.2015 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 above CNG kit on the following MPFI 'inuse' base model fitted with OE catalytic converter falling within the stipulated engine cm3 range (897.75 to 1496.25 cm³) as per layout plan comply with provisions of Central Motor Vehicles Rules 1989, under rule 115B:

S.No. Model Engine cm3

Approved by the Testing Agency vide certificate No.

Certificate No. CAKA 0191 L01 dated 21st December 2015 Case No.: 2015-656 (IOCS No.: 42038)

S.No.	Model	Engine cm3	Vintage of Vehicles
1	MARUTI A STAR	998	<u> </u>
2	MARUTI ZEN ESTILO	998	
3	MARUTI ALTO K10	998	
4	MARUTI WAGON R	998	-
5	MARUTI EECO (5 SEATER)	1196	
6	MARUTI EECO (7 SEATER)	1196	
7	MARUTI SWIFT DZIRE	1197	1 st April 2010
8	MARUTI RITZ	1197	1 April 2010
9	MARUTI ERTIGA	1373	till
10	HYUNDAI SANTRO	1086	
11	HYUNDAI i <i>10 ERA</i>	1086	31 ST March 2013
12	HYUNDAI i10 1.2L	1197	
13	HYUNDAI i <i>20 1.2L</i>	1197	
14	HYUNDAI VERNA FLUIDIC 1.4	1396	
15	HYUNDAI ACCENT	1495	
16	CHEVROLET SPARK	995	
17	CHEVROLET AVEO UVA	1150	
18	CHEVROLET BEAT	1199	
19	CHEVROLET AVEO	1399	



20	HONDA BRIO	1198		
21	HONDA JAZZ	1198		
22	TATA INDICA VISTA	1172	2	
23	TATA INDIGO MANZA	1368		
24	FORD FIGO	1196		
25	FIAT PALIO STILE	1108	70 B	1 st April 2010
26	FIAT GRAND PUNTO 1.2L	1172	· ja	1 April 2010
27	FIAT LINEA	1368		till
28	FIAT GRAND PUNTO 1.4L	1368	The tree replication	
29	VOLKSWAGEN POLO	1198		31 ST March 2013
30	SKODA FABIA	1198		
31	NISSAN MICRA	1198		
32	TOYOTA ETIOS LIVA	1197		
33	TOYOTA ETIOS	1496	8	
34	MAHINDRA LOGAN	1390		

Validity:

This Certificate is **valid for 3 years** from the date of issue of base type approval certificate no. CAKA 0191 dated 18/12/2015 or until further amendment in CMVR Rules, whichever is earlier.

		3. Details o	f CNG C	ylinde	rs			
CNG Cylinder	Option 1	Option 2		ion 3		Option 4	Option 5	
Manufacturer	M/s. Everest Kanto Cylinder Ltd.	M/s. Associate High Pressure Technologies Pvt. Ltd.	1000000	Sarju ex Ltd.		l/s. Rama inders Ltd.,	M/s. Sahuwala High Pressure Cylinder P. Ltd.,	
Capacity, Ltr.	(Dia	60, 65,70 Ltr. 316mm and 356	mm)		(D	, 65,70 Ltr. via: 317mm d 356 mm)	60, 65,70 Ltr. (Dia: 316mm)	
	2 1 1 1 1 1 N	4. Details of	Cylinde	er Valv	es			
Cylinder Valve		Option 1	*			Option		
Name of the manufacturer	M/s. Ba	itra Associate Ltd	sociate Ltd. M/s.		OBM Saleri S.p.A., Italy			
Model Name / Identification	B	//CNG-1/000	G-1/000		Alfa / 122 779			
	EAST TO SEE THE SECOND	5. Details of	Refillir	ig Valv	es			
Refilling Valve	Option 1		Option 2 Option 3					
Name of the manufacturer	EMER S.r		DBM Saleri S.p.A., Italy Automoto Sequential Sy					
Model Name / I.D/Type	DGM41037G NZS		AGRO (NZ)/built in excess flow valve		Auto	Automoto / NZS		
		6. Details of P					4 1 4 KW	
Name of the	e manufacturer		ωf:			as Pvt. Ltd. CF2941)		
	el Name / cation/Type						el No. S1209/ nic starting device	
		7. Details of C		conve	erter			
Manufacturer/I	Model / ID					d Suzuki UZUKI-FMI)		



lame of the manufacturer	. Details of Pressure Indicat	or	
	Automoto		
Identification / Type	CNG-Bottom Mounting / M		
9.	Details of Service shut off va	alvo	
ame of the manufacturer	M/s. Batra Associates	OMB Saleri S.p.A.	
Identification / Type	Ltd.		
туре	CM/L1224936, Toggle Knob Type	198/1, Toggle Knob 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

The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No CAKA 0191 dated 18/12/2015 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 Ruleś made there under and department instruction / order issued from time to time in this regard.

> (PRAWIN DESAI) MLO (OPS)

No. F.23(740)/TPT/Ops/2012/CD No. 075292477/ 6532-36

Dated :01/03/2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.

2. M/s. AUTOMOTO Sequential Systems, T-2/188, Mangolpuri Industrial Area, Phase-1, Delhi-

3.—S.A (Computer) for uploading on the website of the department.

4. Guard File.

(PRAWIN DESAI) MLO (OPS)