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

No. F. DC/OPS/TPT/649/2016/ 1586-89

Dated: 10 June, 2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "RGC001" manufactured by **M/s. Innovative Engineers, B-102, Phase-1, Mayapuri Industrial Area, New Delhi-110064**, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (900 to 1500 CC) fitted with **OE catalytic converter** as part of CNG Kit, manufactured / registered from **01<sup>st</sup> April 2010 till 31<sup>st</sup> March, 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. <b>CALA 0054 dated 08/03/2016</b> referred herein above 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 retrofitment of above CNG kit on the following MPFI 'in-use' base model fitted with catalytic converter falling within the stipulated engine cm <sup>3</sup> range ( <b>900 to 1500 cm<sup>3</sup></b> ) as per layout plan comply with provisions of Central Motor Vehicles Rules 1989, under rule 115B :			Approved by the Testing Agency vide certificate No.
			Certificate No. CALA 0054 L01 dated 22/04/2016 Case No. : 2015-1048 (IOCS No. : 44262) <b>Emission Test Report No. :</b> CTOPK 0526 Dt. 17.02.2016
S.No.	Model	Engine cm <sup>3</sup>	Vintage of Vehicles
1	MARUTI SWIFT DZIRE	1197	1 <sup>st</sup> April, 2010 till 31 <sup>st</sup> March 2013
2	MARUTI RITZ	1197	
3	MARUTI SWIFT	1197	
4	MARUTI EECO (7 SEATER)	1196	
5	MARUTI EECO (5 SEATER)	1196	
6	VOLKSWAGEN POLO	1198	
7	TATA – INDICA XETA	1193	
8	TATA – INDIGO MANZA	1368	
9	TATA- INDIGO eCS	1193	
10	TATA-INDICA VISTA	1368	
11	FORD-FIGO	1196	
12	SOKA – FABIA	1198	
13	FIAT GRAND PUNTO 1.4 L	1368	

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14	FIAT - LINEA	1368	1 <sup>st</sup> April, 2010 till 31 <sup>st</sup> March 2013
15	TOYOTA - ETIOS	1496	
16	MAHINDRA VERITO 1.4L	1390	
17	HONDA - JAZZ	1198	
18	CHEVROLET - AVEO	1399	
19	CHEVROLET - BEAT	1199	
20	NISSAN - MICRA	1198	
21	HYUNDAI i20 1.2L	1197	
22	HYUNDAI i10 1.2L	1197	
23	HYUNDAI - ACCENT	1495	
24	MARUTI ERTIGA	1373	
25	MARUTI GYPSY	1298	
26	MARUTI ALTO K10	998	
27	MARUTI ZEN ESTILO	998	
28	MARUTI WAGON R	998	
29	MARUTI A STAR	998	

S.No.	Model	Engine cm3	Vintage of Vehicles
30	MARUTI EECO CARGO	1196	1 <sup>st</sup> April, 2010 till 31 <sup>st</sup> March 2013
31	TATA - INDICA VISTA	1172	
32	CHEVROLET - AVEO UVA	1150	
33	FIAT - GRAND PUNTO 1.2L	1172	
34	HYUNDAI - i10	1086	
35	HYUNDAI - SANTRO	1086	
36	TOYOTA - ETIOS LIVA	1197	
37	CHEVROLET - SPARK	995	
38	HONDA BRIO	1198	
39	PREMIER RIO	1173	
40	RENAULT PULSE	1198	
41	SAN STORM	1149	
42	HYUNDAI i20	1396	
43	TATA INDIGO	1396	
44	HYUNDAI VERNA	1396	
45	MAHINDRA LOGAN	1390	
46	HONDA CITY	1497	

*[Signature]*  
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This Certificate is valid for 3 years from the date of issue of base type approval certificate No. CALA 0054 dated 08/03/2016 or until further amendment in CMVR Rules, whichever is earlier.

1. Details of CNG Cylinders		
CNG Cylinder	Option 1	Option 2
Manufacturer	M/s. Everest Kanto Cylinder Ltd.,	M/s. Rama Cylinders Pvt. Ltd.,
Capacity, Ltr.	55 & 60 (Dia:316mm) & 65 (dia.-356mm)	55 & 60 (Dia:317mm) & 65 (dia.-356 mm)
2. Details of Cylinder Valves		
Name of the manufacturer	M/s. Batra Valves	
Model Name /Identification	Batra/CM/L-1224936 / With fusible plug	
3. Details of Refilling Valves		
Refilling Valve	Option 1	Option 2
Name of the manufacturer	M/s. Perfect Products	M/s. Emer
Model Name / I.D/Type	Albino / Nonreturn	Emer/DGM41037GM
4. Details of Pressure Regulator		
Name of the manufacturer	M/s Innovative Engineers	
Model Name / Identification/Type	RAYON / RD 101 / Electro Assisted	
5. Details of Pressure Indicator		
Name of the manufacturer	Wika, Germany	
Identification / Type	Wika / Manometer type	
6. Details of Service shut off valve		
Name of the manufacturer	Part of filling valve	
Identification / Type	---	
7. Details of Catalytic convertor		
Name of the manufacturer	Hyundai KSD1 CAT CON	
Identification / Type	9F CO 1 /Three Way	
8. Details of Gas Air Mixer		
Name of the manufacturer	M/s. SKN Associated	
Identification / Type	SKN/SCM-00-020V / Venturi Type/Attached	

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989, as 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.

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The Kit Manufacture/ Installer must comply with Annexure-IA to the TAC No CALA 0054 dated 08/03/2016 and also invariably enclose certified copy of CNG 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/649/2016/ 1586-89

Dated: 10 June, 2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. Innovative Engineers, B-102, Phase-1, Mayapuri Industrial Area, New Delhi-110064.
3. S.A (Computer) for uploading on the website of the department.
5. Guard File.

(MAHARAJ SINGH)  
MVI (OPS)

