

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

No. F. 20(88)/Tpt./Ops./2003/PF.II/CD No.075367081/ 1159-62

Dated: May 18, 2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "HAG-111" manufactured by **M/s. Clenfuels Kits Pvt. Ltd., E-1, Maharani Plaza, Ashram, New Delhi-110014**, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (795.75 to 1326.25 CC) fitted with **OE catalytic converter** as part of CNG Kit, manufactured / registered from **01st January, 2005 till the validity of BS III 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. **CALA 0003 dated 05/01/2016** 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 retro-fitment of above CNG kit on the following MPFI 'in-use' base model fitted with catalytic converter falling within the stipulated engine cm3 range (795.75 to 1326.25 cm³) 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 0003 L01 dated 11/03/2016

Case No. : 2015-804 (IOCS No. : 42887)

Emission Test Report No. :
 CT0PK 0523 Dt. 26.12.2015 (Nitin Cylinder - Suzuki Cat Con - NGK Spark Plug)

S.No.	Model	Engine cm3	Vintage of Vehicles
1	CHEVROLET SPARK	995	1 st January, 2005 till the validity of BS III norms
2	CHEVROLET UVA	1150	
3	CHEVROLET BEAT	1199	
4	HYUNDAI i10 ERA	1086	
5	HYUNDAI i10 MAGNA	1197	
6	HYUNDAI SANTRO XING	1086	
7	FIAT PUNTO	1172	
8	MARUTI 800	796	
9	MARUTI ALTO	796	
10	MARUTI A STAR	998	
11	MARUTI EECO (5 SEATER)	1196	
12	MARUTI EECO (7 SEATER)	1196	
13	MARUTI EECO CARGO	1196	
14	MARUTI OMNI (5 SEATER)	796	
15	MARUTI OMNI (8 SEATER)	796	

[Handwritten Signature]
 18/05/2016

[Handwritten Notes]
 Mr. Rajal Singh
 26/5/16
 26/5/16

16	MARUTI OMNI CARGO	796
17	MARUTI RITZ	1197
18	MARUTI SWIFT	1197
19	MARUTI SWIFT DZIRE	1298
20	MARUTI ZEN	993
21	MARUTI ZEN ESTILO	998
22	SKODA FABIA	1198
23	VOLKSWAGEN POLO	1198

This Certificate is valid for **3 years from the date of issue of base type approval certificate No. CALA 0003 dated 05/01/2016** or until further amendment in CMVR Rules, whichever is earlier.

1. Details of CNG Cylinders							
CNG Cylinder	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
Manufacturer	M/s. Niitin Cylinders Ltd.,	M/s. Maruti Coatsu Cylinders Pvt. Ltd.	M/s. Sahuwala High Pressure Cylinder P. Ltd.,	M/s. Rama Cylinders Ltd.,	M/s. Lizer Cylinders Ltd.	M/s. Confidence Petroleum India Ltd.,	M/s. Everest Kanto Cylinder Ltd.,
Capacity, Ltr.	60, Ltr. (Dia:325mm)			60, Ltr. (Dia : 356mm)		60, Ltr.(Dia: 323.8 mm)	
2. Details of Cylinder Valves							
Cylinder Valve	Option 1		Option 2		Option 3		
Name of the manufacturer	M/s Emer.Srl. Itly		M/s tekno valve Kolkata		M/s. Batra Valve, New Deih		
Model Name /Identification	Emer/119 Toggle type		TV/DR-1096/2003 Rotary		BV/007-00/G.3(40)87 Hand Wheel		
3. Details of Refilling Valves							
Name of the manufacturer	Benzo Triana						
Model Name / I.D/Type	N.Z.S/ Exon						
4. Details of Pressure Regulator							
Name of the manufacturer	M/s Hovel Auto Gas						
Model Name / Identification/Type	HAG 111 (Sr.No.0005)/ Hovel CX / Electronic			COP-CCOCK 0534, Dt. 05.03.2015			
5. Details of Pressure Indicator							
Name of the manufacturer	M/s Wika						
Identification / Type	Wika/CNG/005 / Mechanical Dial Gauge						
6. Details of Service shut off valve							
Name of the manufacturer	M/s Emer Srl. Italy						
Identification / Type	Manual Three Way						
7. Details of Catalytic convertor							
Name of the manufacturer	Suzuki						
Identification / Type	9F CO 1 /Three Way						
8. Details of Gas Air Mixer							
Name of the manufacturer	M/s. Hovel Auto Gas						
Identification / Type	HAGM00301 - Venturi						

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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.

The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No CALA 0003 dated 05/01/2016 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. 20(88)/Tpt./Ops./2003/PF.II/CD No.075367081/ 1159-62

Dated: May 18, 2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. Clenfuels Kits Pvt. Ltd., E-1, Maharani Plaza, Ashram, New Delhi-110014.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)