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

No. F.22(380)/TPT/OPS/2012/CD No. 075339188/ 1283-86 Dated 25/05/2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "HYVR-36LI" manufactured M/s. CEV Engineering Pvt. Ltd., D-18/3, Okhla Industrial Area, Phase II, New Delhi-110020, 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 January 2014 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 0156 dated 25/11/2014 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 01/01/2014 till the validity of BS-IV norms, meets the Bharat Stage-IV mass emission norms. The kit can therefore be fitted on the MPFI "in-use" 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. CAJA 0156 L03 dated 14/03/2016 Case No. : 2015-986 (IOCS No. : 43899) Emission Test Report No. CT0PJ 0397 Dt. 12.11.2014
S.No.	Model	Engine cm3	Vintage of Vehicles 1 st January 2014 till the validity of Bharat Stage IV norms
1.	Hyundai Elite i20	1197	
2.	Hyundai i20 Active	1197	

- Validity :**
1. This Certificate is valid for 3 years from the date of issue of base type approval certificate No. CAJA 0156 dated 25th November 2014 or until further amendment in CMVR Rules, whichever is earlier.
 2. All conditions and compliance requirements given in the base certificate issued for in-use base model Hyundai Eon (998 CC, June 2014 make) , are also applicable for the MPFI, in-use (02) vehicle models given in Annexure-II to CAJA 0156 L03 dated 14th March 2016 fitted with OE catalytic converter as per approved lay out plan.

26/05/2016

1. Details of CNG Cylinders				
CNG Cylinder	Option 1	Option 2	Option 3	Option 4
Manufacturer	M/s. Everest Kanto Cylinder Ltd.,	FJM Cylinders Pvt. Ltd.	WNCPLA64201	M/s. Rama Cylinders Pvt. Ltd.,
Capacity, Ltr.	60 (Dia 317 mm)		60 (Dia 316 mm)	
	65 (Dia 356 mm)		65 (Dia 356 mm)	
2. Details of Cylinder Valves				
Cylinder Valve	Option 1	Option 2	Option 3	
Name of the manufacturer	OMB (Green Fuel Energy Solution Pvt. Ltd.)	Emer	H.M. Plastic	
Model Name / Identification	Moon and Alfa New Cylinder Valve	Vale-418/418 Cylinder Valve	Single Safety	
3. Details of Service shut off valve				
Service shut off valve	Option 1	Option 2	Option 3	
Name of the manufacturer	Shri-Man	OMB	Teclab	
Model Name / I.D	S-12	Apus	05GS0001	
4. Details of Pressure Regulator				
Name of the manufacturer	Hwa Young Co. Ltd.			
Model Name / Identification/Type	HYVR-36 LI (TAC No.CA0337) Dt.4/3/2010 HYVR-36 LI			
5. Details of Pressure Indicator				
Name of the manufacturer	Rispar fueltek Inc			
Identification / Type	N/A -- Mac.			
6. Details of Refilling valve				
	Option 1	Option 2	Option 3	
Name of the manufacturer	Emer Technologies Pvt. Ltd.	OMB	Fuel Economy	
Model Name / I.D	VAL14159	ARGO NZS (GF-SFR-M12-MS) NZS CI	NZS Type / HT-11	
7. Details of Catalytic convertor				
Make & Model	KIA & T00Y JEP			

Handwritten signature and date: 29/5/2016

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989. The retro-fitment of CNG Kit 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 0156 dated 25/11/2014 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.22(380)/TPT/OPS/2012/CD No. 075339188/ 1283-86

Dated : /01/2016

25/05/2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. CEV Engineering Pvt. Ltd., D-18/3, Okhla Industrial Area, Phase II, New Delhi-110020.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)