

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

No. F. DC/OPS/TPT/641/2016/ 1248-51

Dated: 24/05/2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "IMIPL/TW/CNG/BS III-001" manufactured by M/s. ITUK Manufacturing India Pvt. Ltd., No. 1, Ground Floor, Bhagirati Towers, Konkan Express Lane, Karve Road, Kothurd, Pune-411038, Maharashtra, for retro fitment on "in-use" 4 stroke gasoline two wheeler vehicles between stipulated engine cylinder capacity range (81.75 to 136.25 CC) fitted with OE catalytic converter as part of CNG Kit, manufactured / registered from 01st April, 2010 upto 31st March, 2016. The CNG Kit is dully approved by the designated agency i.e ARAI, Pune for compliance to the Central Motor Vehicles Rules. The details of CNG Kit are given hereunder:-

Vehicle manufacturer / Model retrofitted/Month & Year of Manufacture/ Regn.		Approved by the Testing Agency vide Certificate no.				
Vehicle Manufacturer: Honda Scooter & Motorcycle India Ltd. MODEL/Make : HONDA ACTIVA (July, 2010) Type/Seating capacity: Scooter/2 persons Engine Power/Capacity : 5.8 kW@7500 rpm /(109 CC) Emission Norms : BS-III GVW kg. : 261 Make (CNG Kit) : M/s. ITUK Manufacturing India Pvt. Ltd. CNG Kit Identification : IMIPL/TW/CNG/BS III-001 Applicable Engine Range : (81.75 to 136.25 CC)		Certificate No. AALA 0125 dated 06/04/2016 Emission Test Report No. : TA-2010 (Bharat Stage-III-CNG)/ELTR/2015-16/297 dated 16/02/2016				
The testing agency has certified that the above CNG converted "in-use" gasoline vehicle model complies with the relevant provisions of CMVR, 1989 as detailed in ANNEXURE-I to TAC No. AALA 0125 dated 06/04/2016 including following requirements :						
Mass Emission Standards		Notification No. & Date	Effective from	To	CMV Rule	
CNG (for in-use Gasoline Vehicles)		GSR 853 (E) dt. 19.11.2001	19.05.2002	Till further amendment	115 B A (II)	
Type Approval norms for Petrol Vehicles	Idling CO & NMHC	GSR 277(E) dt. 11.04.2014	01.10.2014		115 (2) (i)	
	Bharat Stage-III (All over India)	GSR 84 (E) dt. 09.02.2009	01.04.2010		115 (14)(F), (G), 115 B A (II), (iv), b(i)(ii)	
Safety Components		GSR 443(E) dt. 21.05.2010	01.10.2010			
Safety Checks for use of CNG Fuels in internal combustion engine vehicles (as per AIS 028) and Indian Gas Cylinder Rules, 2004		GSR 784(E) dt. 12.11.2008	01.04.2009			Ref. Annexure-1A
		GSR 534(E) dt. 24.07.2014	24.07.2015		115B E	
Compliance of Mass Emission Standards & Validity (Ref. 115B.A.(ii), as per GSR 84(E)						

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Validity :-

1. The above CNG converted 4 Stroke, "in-Use" base model " Honda Activa (109 cc -July, 2010 make), with O.E. Catalytic Converter, meets the Bharat Stage - III norms. Same kit can therefore be fitted on the 4 Stroke vehicles with O.E. Catalytic converter, between stipulated Engine cylinder capacity range (81.75 to 136.25 cm³) manufactured / registered from **01st April, 2010 upto 31st March, 2016**, subject to specific approval, for layout plan by ARAI, for retro fitment of CNG kit in each vehicle model.
2. This Certificate is valid for 3 years from the date of issue of base type approval certificate No. AALA 0125 dated 06/04/2016 or until further amendment in CMVR Rules, whichever is earlier.

1. Details of CNG Cylinders		
Manufacturer	M/s. Rama Cylinders Pvt. Ltd.	
Identification No./Sl.No.	CM/L-7617682 / ASC 004 & ASC 009 / Cylindrical Type	
Capacity, Ltr.	4.8 L (Two cylinders)	
2. Details of Cylinder Valves		
Name of the manufacturer	M/s. Emer S.p.A	
Model Name / identification	Emer / Burst Disc Assly, & Fusible Plug	
3. Details of Refilling Valves		
Name of the manufacturer	Emer S.p.A. Italy	
Model Name / I.D/Type	DGM 41037 GM / BVG 007/2 NZS Type (Two way Manual Shut off valve)	
4. Details of Pressure Regulator		
Name of the manufacturer	First Stage	Second Stage
Model Name / Identification/ Type	ITUK Manufacturing Co. ITUK /F01 / Plunger Type	ITUK Manufacturing Co. ITUK /F02 / Electronic
5. Details of Pressure Indicator		
Name of the manufacturer	Standard Enterprises	
Identification / Type	14-7500 / Dial Gauge	
6. Details of Service shut off valve		
Name of the manufacturer	It's coupled to filling valve	
Identification / Type		
7. Details of Catalytic convertor		
Name of the manufacturer	Ghoshi India Pvt. Ltd.	
Identification / Type	HM KWP 1D3 / Two way	
8. Details of Gas Air Mixer		
Name of the manufacturer	M/s. Natural Fuel Tech Pvt. Ltd.	
Identification / Type	NFT / AFM-2342 / Venturie	

(Signature)
29/8/2016

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 ARAI.

The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No AALA 0125 dated 06/04/2016 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 ARAI.

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 ARAI) 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/641/2016/

Dated: 29/05/2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. ITUK Manufacturing India Pvt. Ltd., Address : Flat No. 34, 6th Floor, Building A, Haramb Apartments, S No. 115/1, SUS Road, Pashan, Pune-411021, Maharashtra, India.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)