

27/6/13/195  
13-6-16

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

No. F. 20(85)/TPT/OPS/2007/ 1301-04

Dated 26 May 2016

**CIRCULAR**

The Competent Authority is pleased to allow the extension of validity of following layout plans for retro fitment of CNG kit ID. No. "BRC Gas Equipment" of M/s Rohan BRC Gas Equipment Pvt. Ltd., Plot No. 291-304, Panchratna Industrial Estate, Beside IOC Petrol Pump, Rakhej - Bavla Road, Changodar, Taluka - Sanand, Dist. Ahmedabad - 382213 India in the following "in-use" gasoline vehicles models issued by ICAT vide certificate No. ICAT/CMVR/1706B-940(R2)/L-0490 dated 18/04/2016.

S. No.	Extension of Validity TA Certificate	ICAT/CMVR/1706B-940(R2)/L-0490 dated 18/04/2016						
		Reference of Type Approval Certificate & Revalidation Certificate		Validity of Certificate				
				Earlier		Revalidated		
From	To			From	To			
1	ICAT/CMVR/1706B-604(R1)/I-0137 DT. 22.12.2013 <b>(Revalidation Certificate)</b>  ARAI/CMVR-CNG(In-use)/ 1706B (E4-589)/2010-066 dt. 21.04.2010 (Base Certificate) issued for CNG in-use base model "Maruti SX4 "1586 cc - October 2009 make - Bharat Stage - IV	ARAI	21.04.2010	20.04.2013	--	--	--	--
		ICAT			21.04.2013	20.04.2016	21.04.2016	20.04.2019
Reference of Layout/Extension Certificates		Reference			ICAT Revalidated			
1	ARAI/CMVR-CNG(Layout-1)/1706B-1939/2010-070	29.04.2010						
2	ARAI/CMVR-CNG(Layout-2)/1706B-125/2010-083	20.05.2010						
3	ARAI/CMVR-CNG(Layout-3)/1706B-141/2010-084	20.05.2010						
4	ARAI/CMVR-CNG(Layout-4)/1706B-306/2010-102	30.06.2010						
5	ARAI/CMVR-CNG(Layout-5)/1706B-521/2010-127	09.08.2010						
6	ARAI/CMVR-CNG(Layout-6)/1706B-634/2010-154	08.09.2010						
7	ARAI/CMVR-CNG(Layout-7)/1706B-636/2010-155	08.09.2010	20.04.2013	21.04.2013	20.04.2016	21.04.2016	20.04.2019	
8	ARAI/CMVR-CNG(Layout-8)/1706B-633/2010-156	09.09.2010						

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9	ICAT/CMVR-CNG(Layout-01)/361/G-0590	19.10. 2011					
10	ICAT/CMVR-CNG(Layout-02)/222/H-0500	28.08. 2012					
11	ARAI/CMVR-CNG(LAYOUT)/1939E1-2928/2011-031	07.03. 2011					
12	ICAT/CMVR/1706B-124(E2)/G-0313	22.06. 2011					
13	ICAT/CMVR/1706B-217(E3)/H-0526	05.09. 2012					
14	ICAT/CMVR/919/L-0255	08.03. 2016					

Compliance of Mass Emission Standards & Validity: (Ref. 115B A. (II) Clause (iv) as per GSR 84(E) dt. 09.02.2009

The CNG converted "In-Use" base model "Maruti SX4."- 1586 cc (October 2009 make) fitted with O.E. Catalytic Converter" meets the Bharat Stage-IV norms. Same kit can therefore be fitted on the MPFI vehicles fitted with O.E. Catalytic Converter between stipulated Engine cc range (1189.5 to 1982.5 cm<sup>3</sup>) **manufactured / registered from 01<sup>st</sup> April 2010 till 31<sup>st</sup> March 2013**, subject to specific approval, for layout plan by ICAT, for retro-fitment of CNG kit in each vehicle model.

2. All conditions and compliance requirements, in respect retro-fitment of CNG kit, given in the certificates referred above, remain unchanged.

ICAT Case ref:	2015-940 (IOCS Ref. : 43682)
Emission test report:	CT0PL 0225 Dt. 31.03.2016, Maruti SX4 (Rama Cylinder-Suzuki Cat Con - Bosch Spark Plug - M.T.M. Italy (Id No. iNO3) Gas Injector)

### 1. Details of CNG Cylinders (P-372-374/C)

CNG Cylinder	Option 1	Option 2	Option 3	Option 4	Option 5
Manufacturer	M/s. Everest Kanto Cylinder Ltd.,	M/s. Rama Cylinders Ltd.,	M/s. Lizer Cylinders Ltd.	M/s. Nitin Cylinders Ltd.,	M/s. Sahuwala High Pressure Cylinder P. Ltd.,
Capacity, Ltr.	60, 65 & 70	60 & 65	60, 65 & 70		
CNG Cylinder	Option 6	Option 7	Option 8	Option 9	
Manufacturer	M/s. Maruti Coatsu Cylinders Pvt. Ltd.	M/s. Jay Fe Cylinders Ltd.	M/s. Associate High Pressure Technologies Pvt. Ltd.	M/s. Euro India Cylinders Pvt. Ltd.	
Capacity, Ltr.	60, 65 & 70		60,62, 65 & 70	60,63, 65 & 70	

### 2. Details of Cylinder Valves

Cylinder Valve	Option 1	Option 2	Option 1
Name of the manufacturer	M/s. OMB Saleri Spa, Italy	M/s Emer.Srl. Itly	M/s. OMB Saleri Spa, Italy
Model Name /Identification	Alfa New	DT-E-VALE 119 Rev.01 DGM 51684 GM BVG 007/9	Moon A5

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3 . Details of Refilling Valves			
Cylinder Valve	Option 1	Option 2	Option 3
Name of the manufacturer	M/s. Rohan BRC Gas equipment Pvt. Ltd.	M/s Emer.Srl. Italy	M/s. M.T.M. S.r.l Italy
Model Name /Identification	BRC / NZS Body Mounted	VAL 14159/ DGM 41037/ GM NZS-5422 Type 198/213	IM A6 NGV 1 P30 / NGV
4. Details of Pressure Regulator			
Name of the manufacturer	M/s.M.T.M. S.r.l., Italy		
Model Name / Identification/Type	ZENITH / Electro Assisted CNG Reducer with solenoid valve		
5.Details of Pressure Indicator			
Name of the manufacturer	M/s.M.T.M. S.r.l., Italy		
Identification / Type	BRC / MN1		
6. Details of Catalytic convertor			
Name of the manufacturer	Suzuki		
Identification / Type	54L-CO4 (Primary) & 55-CO2 (Secondary) / Three Way, Hony Comb Type		
7. Details of Gas Injector			
Gas Injector	Option 1	Option 2	
Name of the manufacturer	M/s. M.T.M. ITALY	RAIL Spa	
Identification / Type	INO3	IG1	

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989. The retro-fitment should 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, at the time of submission of vehicle for inspection/endorsement of CNG in registration certificate.

**The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No. ARAI/CMVR-CNG(In-use)/ 1706B (E4-589)/2010-066 dt. 21.04.2010 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.**

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28/8/2016

All MLOs/Registering Authorities 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, 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(85)/TPT/OPS/2007/ 1301-04

Dated 26 May 2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department
2. M/s Rohan BRC Gas Equipment Pvt. Ltd., Plot No. 291-304, Panchratna Industrial Estate, Beside IOC Petrol Pump, Sarkhej – Bavla Road, Changodar, Taluka – Sanand, Dist. Ahmedabad – 382213 India.
3. S.A (Computer) for uploading on the website
4. Guard File

(MAHARAJ SINGH)  
MVI (OPS)