

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

No. F.20(217)/TPT/OPS/2004/Vol.III *5937-52*

Dated 18th Dec., 2015

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "DCIPL OBD II" manufactured M/s. Dashmesh CNG Impex Pvt. Ltd., Plot No. 2, Phase-I, C.S.No. 8 (PT), Opp. Imax theatre, Near Wadala R.T.O. Wadala Truck Terminal, Mumbai-400037, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range (898.5 to 1497.5 cc) fitted with OE catalytic converter as part of CNG Kit, manufactured / registered from 01st April 2013 till the validity of BS-IV 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:-

Vehicle manufacturer / Model retrofitted/Month & Year of Manufacture/ Regn.		Approved by the Testing Agency vide Certificate no.			
IN-USE" BASE MODEL : Nissan Micra XL BS IV Engine capacity: 1198 cm ³ Manufacturing year : October, 2013 Engine Power : 55.81 kW @ 6000 rpm GVW kg. : 1350 Type : Passenger Car (M1) Emission Norms : BS-IV Kit Manufacturer: M/s. Dashmesh CNG Impex Pvt. Ltd. CNG Kit Identification : DCIPL OBD II		Certificate No. CAKA 0127 dated 16 th Sept. 2015 Case No. 2015-117 (IOCS Ref. 39170) Emission Test Report No. : CT0PK 0399 Dt. 03.09.2015 (Associated High Pressure Technologies Cylinder Nissan Cat Con - Champion Spark Plug			
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. CAKA 0127 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)	
Idling CO & NHMC	GSR 103(E) dt. 23.02.2012	23.02.2013		115 (2) (i)	
BS-IV (For Notified Areas)	GSR 84 (E) dt. 09.02.2009	01.04.2010		115 (14) (G), 115 (a), (b) (i)	
		01.04.2013 (OBD II)			
	GSR 443 (E) dt. 21.05.2010	01.04.2010			
	GSR 504 (E) dt. 16.07.2014	01.10.2014			
Compliance of Mass Emission Standards & Validity (Ref. 115B.A.(ii) Clause (iv), as per GSR 84(E) dt. 09.02.2009, GSR 443(E) dt. 21.05.2010 & GSR 504(E) dt. 16.07.2014					

Mr. Araveen
21/12/2015

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Validity :-

1. The above CNG converted "In-Use" base model "Nissan Micra XL BS IV" (October 2013 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 cylinder capacity range (**898.5 to 1497.5 cm³**) **manufactured / registered from 01st April, 2013 till the validity of Bharat Stage-IV norms** subject to specific approval, for layout plan by ICAT, for retro fitment of CNG kit in each vehicle model.
2. This Certificate is **valid for 3 years** from the date of its issue of base type approval certificate No. CAKA 0127 dated 16th September 2015 or until further amendment in CMVR Rules, whichever is earlier.

3. Details of CNG Cylinders

CNG Cylinder	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
Manufacturer	M/s. Nitin Cylinders Ltd.,	M/s. Rama Cylinders Pvt. Ltd.,	M/s. Associate High Pressure Technologies Pvt. Ltd.	M/s. Sahuwala High Pressure Cylinders(P) Ltd.	M/s. Lizer Cylinders Ltd.	M/s. Everest Kanto Cylinder Ltd.,
Capacity, Ltr.	50,60, 65,70 Ltr.	55,60, 65,70 Ltr.	60, 65,70 Ltr.	50,55,60, 65,70 Ltr.	50,60, 65,70 Ltr.	60,63, 65, 70 Ltr
CNG Cylinder	Option 7	Option 8	Option 9	Option 10		
Manufacturer	M/s. Confidence Petroleum India Ltd.	M/s. Jay Fe Cylinders Ltd.	M/s. Sarju Impex Ltd.	M/s. Maruti Koatsu Cylinders Pvt. Ltd.		
Capacity, Ltr.	50,60, 65,70 Ltr.	60, 65,70 Ltr.	50,60, 65,70 Ltr.	50,60, 65,70 Ltr.		

4. Details of Cylinder Valves

Cylinder Valve	Option 1	Option 2	Option 3
Name of the manufacturer	M/s. OMB Saleri S.p.A.	M/s. Batra Valves, India	M/s. Emar Spa, Italy
Model Name / Identification	Alfa 2 way manual shut off valve	Nil 2 way manual shut off valve	Vale-417, Vale-418 2 way manual shut off valve

5. Details of Refilling Valves

Refilling Valve	Option 1	Option 2
Name of the manufacturer	EMER S.r.l, Italy	M/s. Mijo Auto Gas Pvt. Ltd., India
Model Name / I.D/Type	DGM41037GM / NZS	N.A.

6. Details of Pressure Regulator

Name of the manufacturer	M/s. Mijo Auto Gas Pvt. Ltd., India, TAC No. CD0905
Model Name / Identification/Type	mSequent CNG/SR/03/A / Vaccum

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7. Details of Pressure Indicator					
Name of the manufacturer	Wika, Italy	Laxmi Enterprises	Deepak Enterprises	Ramesh Corporation	Jiaxing Layo Imp & Exp Group Co.Ltd
Identification / Type	Dial Gauge				
8. Details of Gas Injector					
Name of the manufacturer	M/s. Tech Gas, Canada				
Identification / Type	Tg Canada				

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 CAKA 0127 dated 16/09/2015 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.20(217)/TPT/OPS/2004/Vol.III 5937-52

Dated 18th Dec., 2015

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. Dashmesh CNG Impex Pvt. Ltd., Plot No. 2, Phase-I, C.S.No. 8 (PT), Opp. Imax Theatre, Near Wadala R.T.O. Wadala Truck Terminal, Mumbai-400037.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)