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

No. F.DC/OPS/TPT/2016/CD No.075376581/693-96

Dated: 13/04/2016

CIRCULAR

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "TA PPA-CTS-MTC" manufactured by M/s. T.A. GAS Technology S.A , Jose Ingenieros 2250, Beccar, Buenos Aires, Argentina, C/o Gas Technology India, A.B. Road, Anurag Nagar, Indore (MP) 452010, for retro fitment on "in-use" diesel driven vehicles TATA ACE fitted with 275IDI06 (702 cc) engine and catalytic converter as part of CNG Kit manufactured 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.

Vehicle manufacturer / Model retrofitted/Month & Year of Manufacture/ Regn.	Approved by the Testing Agency vide Certificate no.		
Vehicle manufacturer: M/s. Tata Motors Ltd. BASE MODEL retrofitted with CNG kit : TATA ACE Type : Goods carrier (N1) Engine model : 275IDI06 Engine Cylinder capacity : 702 cc Engine Power : 14.5 kW @ 3400 rpm Emission Norms : BS-III Manufactured in : November, 2005 GVW. : 1550 Kg. CNG kit manufacturer: M/s. T.A. GAS Technology S.A CNG Kit Identification : TA PPA-CTS-MTC	Certificate No. CAKA 0170 dated 01/12/2015 Case No. 2014-754 (IOCS No. 38416) Emission Test Report No. : CTOEK 0156 Dt. 16.07.2015, CTOEK 0197 Dt. 10.07.2015 Everest Kanto Cylinder, (Spark Plug-NGK Japan, Catcon- Walker & SES Ltd.		
The testing agency has certified that the above CNG converted "in-use" Diesel vehicle model complies with the relevant provisions of CMVR, 1989 as detailed in ANNEXURE-I to TAC No. CAKA 0170 dated 01/12/2015 including following requirements :			
Mass Emission Standards	Notification No. & Date	Effective from	CMV Rule
Prevalent Type Approval norms – For conversion by modification of engine of In-use Diesel Vehicle	GSR 686 (E) dt. 20.10.2004	01.04.2005	115 B B.(II) & 115 (14)(C)
Bharat Stage-III			
Idling CO & NHMC	GSR 111 (E) dt. 10.02.2004	01.10.2004	115 (2) (i)
Compliance of Mass Emission Standards & Validity (Ref. 115B.B.(ii) Clause (c), as per GSR 589(E) and Note 7 amended by GSR 589(E)			

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This certificate is Valid for :-

1.CNG converted "In-Use" diesel vehicle "TATA ACE (November 2005 make), fitted with 275IDI06 engine, when fitted Catalytic Converter as a part of CNG Kit, meets the Bharat Stage – III norms, manufactured from 01st January, 2005 till validity of Bharat Stage-III norms.

2.This Certificate is valid for 3 years from the date of issue of base certificate No. CAKA 0170 dt. 01/12/2015 or until further amendment in CMVR Rules, whichever is earlier.

1. Details of CNG Cylinders	
Manufacturer	M/s. Everest Kanto Cylinder Ltd.,
Capacity, Ltr.	35 (dia - 232 mm) (Two in nos.)
2. Details of Cylinder Valves	
Name of the manufacturer	OMB Italy
Model Name / Identification	IDRA VT / Manual CNG Valve
3. Details of Refilling Valves	
Name of the manufacturer	Emer Italy / TA Gas Technology SA
Model Name / I.D/Type	DGM 410 37 GM / NZS
4. Details of Pressure Regulator	
Name of the manufacturer	T.A. Gas Technology S.A.
Model Name / Identification	A 94579/PPA/Sr. no. 1139737 Constant Pressure output type
5. Details of Gas Injector	
Name of the manufacturer	SMP Inc. USA
Model Name / Identification/ Type	MULTIPOINT GAS INJECTION /24-2103-0 / Peak & Hold
6. Details of Catalytic converter	
Model Name / Identification	Walker & Model : EESIL-B01-1600 and SES ltd 06/13
7. Details of Pressure Indicator	
Name of the manufacturer	WIKA / TA Gas Technology
Identification / Type	TA / Mechanical Analog Gauge
8. Details of Service shut off valve	
Name of the manufacturer	Manual shut off valve in built with Refilling Valve
Identification / Type	---


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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 CAKA 0170 dated 01/12/2015 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.DC/OPS/TPT/2016/CD No.075376581/ 693-96

Dated: 13/04/2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. **T.A. GAS Technology India**, Sector-3, Industrial Area, Plot No. 7/17, Pithampur Dis. Dhar (M.P).
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)
MVI (OPS)