

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

No. F. 20(212)/DC(Ops)/Tpt./2011/CD No.075345785/ 1151-54 Dated: May 18, 2016

**CIRCULAR**

*2643/entry  
28/5/16*

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "TRINITY STAG" manufactured by **M/s. Trinity Gas Care Pvt. Ltd. No. 48/62, Nelson Manickam Road Aminjikarai Chennai - 600029**, for retro fitment on MPFI "in-use" gasoline vehicles between stipulated engine cylinder capacity range **(897.75 to 1496.25 CC)** fitted with **OE catalytic converter** as part of CNG Kit, manufactured / registered from **01<sup>st</sup> April, 2013 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. <b>CALA 0064 dated 21/03/2016</b> issued by designated testing agency ICAT, Manesar, Gurgaon and on the basis of layout plans submitted by the manufacturer/ kit supplier/ retrofitter, the retro-fitment of CNG kit "TRINITY STAG" on the following MPFI 'in-use' base model, fitted with OE catalytic converter, falling within the stipulated engine cylinder range <b>(897.75 to 1496.25 cm<sup>3</sup>)</b> , manufactured / registered from 01 <sup>st</sup> April, 2013 till the validity of BS IV norms <b>(OBD II)</b> comply with the provisions of Central Motor Vehicles Rules 1989, 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.  <b>Certificate No. CALA 0064 L01 dt.20/04/2016</b>  Case No. : 2015-1039 \ (IOCS No. : 44257) <b>Emission Test Report No. : CT0PL 0151 Dt. 11.03.2016</b>
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S.No.	Model	Engine cm3	Vintage of Vehicles
1	CHEVROLET BEAT	1199	1 <sup>st</sup> April, 2013 till the validity of BS IV norms
2	CHEVROLET ENJOY	1399	
3	CHEVROLET SAIL UVA	1199	
4	CHEVROLET SAIL	1199	
5	DATSUN GO	1198	
6	DATSUN GO +	1198	
7	FIAT AVANTURA	1368	
8	FIAT PUNTO EVO	1172	
9	FIAT LINEA	1368	
10	FORD ECOSPORT 1.0	999	
11	FORD FIGO	1196	
12	FORD FIGO ASPIRE	1196	
13	HONDA AMAZE	1198	
14	HONDA BRIO	1198	
15	HONDA JAZZ	1199	

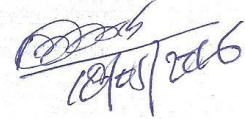
*[Signature]*  
18/05/2016

16	HYUNDAI i10	1086
17	HYUNDAI i20	1197
18	HYUNDAI VERNA FUIDIC 1.4	1396
19	HYUNDAI XCENT	1197
20	MAHINDRA KUV 100	1198
21	MARUTI ALTO K10	998
22	MARUTI BALENO	1197
23	MARUTI CELERIO	998
24	MARUTI CIAZ	1373
25	MARUTI EECO (5 SEATER)	1196
26	MARUTI ERTIGA	1373
27	MARUTI RITZ	1197

28	MARUTI EECO (7 SEATER)	1196
29	MARUTI SWIFT	1197
30	MARUTI SWIFT DZIRE	1197
31	MARUTI WAGON R	998
32	NISSAN MICRA	1198
33	RENAULT PULSE	1198
34	SCODA OCTAVIA	1395
35	TATA BOLT	1193
36	TATA INDICA V2	1193
37	TATA INDIGO eCS	1193
38	TATA MANZA	1368
39	TATA ZEST	1193
40	TOYOTA ETIOS	1496
41	TOYOTA ETIOS LIVA	1197
42	VOLKSWAGEN JETTA	1390
43	VOLKSWAGEN POLO	1198
44	HYUNDAI GRAND i10	1197

1<sup>st</sup> April, 2013  
till the validity of BS IV  
norms

This Certificate is valid for 3 years from the date of issue of base type approval certificate No. **CALA 0064 dated 21/03/2016** or until further amendment in CMVR Rules, whichever is earlier.

  
21/03/2016

1. Details of CNG Cylinders						
CNG Cylinder Manufacturer	Option 1 M/s. Everest Kanto Cylinder Ltd.,	Option 2 M/s. Lizer Cylinders Ltd.	Option 3 M/s. Rama Cylinders Ltd.,	Option 4 M/s. Confidence Petroleum India Ltd.,	Option 5 M/s. Sahuwala High Pressure Cylinder P. Ltd.,	Option 6 M/s. Nitin Cylinders Ltd.,
Capacity, Ltr.	50, 60 (Dia : 316mm) 65, 70 (Dia : 356mm)	50, 60 (Dia : 317mm) 65, 70 (Dia : 356mm)		50, 60 (Dia : 325mm) 65, 70 (Dia : 356mm)		50, 60 (Dia : 325mm)
2. Details of Cylinder Valves						
Cylinder Valve	Option 1		Option 2		Option 3	
Name of the manufacturer	M/s. OMB Saleri SpA		M/s. Batra Valve		M/s. Emer Srl, Italy	
Model Name / Identification	Alfa / ECE-R-110 / OMB Cylinder Valve		BV/CNG-1/000 /CNG Cylinder Valve		Vale-119 EMER Cylinder Valve	
3. Details of Refilling Valves						
Refilling Valve	Option 1		Option 2		Option 3	
Name of the manufacturer	M/s. Emer		M/s. B&H s.r.rl Argentina		M/s. OMB Saleri SPA	
Model Name / I.D/Type	41037 DGM / CNG Filling Valve		BVG 204/2 CNG Filling Valve		Alfa / ECE-R-110 / CNG Filling Valve	
4. Details of Pressure Regulator						
Name of the manufacturer	M/s. Tomasetto Achille S.P.A		M/s. Mijo AutoGas Pvt. Ltd.			
Model Name / Identification/Type	AT-12 (TAC-CA0918, Dt.26.05.2010 (COP CCOCJ 2237 Dt. 17/11/2014) / 2 Stage Electronic		Model: Hilton (TAC:CD0905, Dt. 03.06.2013) / 2 Stage Electronic			
5. Details of Pressure Indicator						
Name of the manufacturer	M/s Wika / CNG Gauge					
Identification / Type	---					
6. Details of Service shut off valve						
Name of the manufacturer	Part of CNG reducer					
Identification / Type	---					
7. Details of Catalytic convertor						
Name of the manufacturer	Make : KIA, Model : KS640					
Identification / Type	---					
8. Details of Gas Injector						
Name of the manufacturer	M/s. RAIL spa, Italy					
Identification / Type	IG1 / Injector					

*[Handwritten signature]*  
20/11/2016

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 ICAT.

**The Kit Manufacture/ Installer must comply with Annexure-II to the TAC No CALA 0064 dated 21/03/2016 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.**

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(212)/DC(Ops)/Tpt./2011/CD No.075345785/ 1151-54 Dated: May 18, 2016

Copy forwarded for information and necessary action to:-

1. All MLOs/CMVI (Burari)/Programmer, Transport Department.
2. M/s. Trinity Gas Care Pvt. Ltd. No. 48/62, Nelson Manickam Road Aminjikarai Chennai - 600029.
3. S.A (Computer) for uploading on the website of the department.
4. Guard File.

(MAHARAJ SINGH)  
MVI (OPS)

*Handwritten note:*  
20/5/16  
M/s. Koyal Ji