

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

No. F.20(212)/TPT/DC(OPS)/2011/CD No.075345785/6651-54 Dated 19/2/16

**CIRCULAR**

The Competent Authority is pleased to grant the approval for endorsement of CNG Kit identification "**Trinity-Stag**" manufactured **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 (**1189.5 to 1982.5 cc**) fitted with **OE catalytic converter** as part of CNG Kit, manufactured / registered from **01<sup>st</sup> Feb, 2010 till 31<sup>st</sup> March 2013**. 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>CAJA 0070</b> dated <b>26/06/2014</b> issued by designated testing agency ICAT, Manesar, Gurgaon and on the basis of layout plans submitted by the manufacturer/ kit supplier/ retrofitter, the ICAT has certified that retro-fitment of above CNG kit " <b>Trinity-Stag</b> " on the following MPFI 'in-use' base model fitted with <b>OE catalytic converter</b> falling within the stipulated engine cm3 range ( <b>1189.5 to 1982.5 cm³</b> ) as per approved layout plan of vehicle models comply with provisions of Central Motor Vehicles Rules 1989, under rule 115B :			Approved by the Testing Agency vide certificate No.
			Certificate No. CAJA 0070 L01 dated 31/07/2014
			Case No. : 2014-252 (IOCS No. : 35450)
<b>S.No</b>	<b>Model</b>	<b>Engine cm3</b>	<b>Vintage of Vehicles</b>
1	MARUTI EECO (5 seater)	1196	1 <sup>st</sup> February 2010 till 31 <sup>st</sup> March 2013
2.	MARUTI EECO (7 seater)	1196	
3.	MARUTI RITZ	1197	
4.	MARUTI SWIFT	1197	
5.	MARUTI SWIFT DZIRE	1197	
6.	HYNDAI i10 1.2	1197	
7.	HYNDAI i20 MAGNA	1197	
8.	CHEVROLET BEAT	1199	
9.	HONDA BRIO	1198	
10.	TOYOTA ETIOS LIVA	1198	
11.	VOLKSWAGEN POLO	1198	
12.	CHEVROLET SAIL	1199	
13.	FORD FIGO	1196	
14.	TATA INDIGO eCS	1193	
15.	HYNDAI VERNA	1599	
16.	CHEVROLET AVEO	1399	
17.	TATA INDIGO CS	1396	
18.	FORD FIESTA	1596	

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19.	HONDA CITY	1497
20.	HONDA CIVIC	1799
21.	MAHINDRA VERITO	1390
22.	SKODA SUPERB	1798
23.	TOYOTA ALTIS	1798
24.	NISSAN SUNNY	1498
25.	RENAULT SCALA	1498
26.	VOLKSWAGEN VENTO	1598
27.	TOYOTA ETIOS	1496

**Validity :**

1.This Certificate is **valid for 3 years** from the date of issue of base type approval certificate No. **CAJA 0070 dated 26/06/2014** 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. Everest Kanto Cylinder Ltd.,	M/s. Rama Cylinders Pvt. Ltd.,	M/s. Nitin Cylinders Ltd.,	M/s. Confidence Petroleum India Ltd.	M/s. Sahuwala High Pressure Cylinders(P) Ltd.	M/s. Lizer Cylinders Ltd.
Capacity, 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,	M/s. Emar S.r.l, Italy
Model Name / Identification/ Type	Alfa /ECE-R-110 OMB Cylinder valve	BV/CNG-1/000 CNG Gas Cylinder valve	Vale-119 EMER Cylinder valve

**5. Details of Refilling Valves**

Refilling Valve	Option 1	Option 2	Option 3
Name of the manufacturer	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

**6. Details of Pressure Regulator**

Name of the manufacturer	M/s. Tomasetto Achille S.P.A
Model Name / Identification/Type	AT-12(TAC-CA0918, Dt-26-05-2010)(COP.CCOCI 1062, Dt.25/06/2013) / 2 Stage Electronic

**7. Details of Pressure Indicator**

Name of the manufacturer	Wika / CNG Gauge
Identification / Type	---

**8. Details of Gas Injector**

Name of the manufacturer	Matrix
Identification / Type	MJ-XJM / Injector

*Handwritten signature and date: 16/07/2016*

Kit Manufacture/Supplier/Distributor is directed to ensure the strict compliance of CMV Rules 1989 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(212)/TPT/DC(OPS)/2011/CD No.075345785 16651-54

Dated 19/2/16

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)