GOVERNMENT OF TAMIL NADU
TRANSPORT DEPARTMENT
O/o the Transport Commissioner, Chepauk, Chennai-5

R.No.24478/C2/2016 Dated:01/09/2016

CIRCULAR No. 29/2016

Sub: Motor Vehicles - Use of fuel in Motor Vehicles - Alternate use of LPG as fuel in Motor Vehicles - Alteration to fit BRC LPG Kits - Approved Regarding


Consequent to the Amendment of Sec.52 of the Motor Vehicles Act, 1988, the Government of India have amended the Rule 115 and 116 of the Central Motor Vehicles Rules, 1989 prescribing to the emission norms and safety checks for the use of LPG as fuel in motor vehicles.

To make necessary endorsements in Certificate of Registration of vehicles duly permitting LPG as auto fuel, it should be ensured that the Retro-Fitments Kits are from the authorized manufacturers having the requisite type approval certificate from one of the testing agencies appointed by the Government of India under Rule 126 of the Central Motor Vehicles Rules 1989. For this purpose, the vehicle should be fitted with Auto LPG Cylinder permanently in the vehicle as approved by the Chief Controller of Explosives (CCEOE) under the Gas Cylinder Rules, 1981.

1. The Automotive Research Association of India has approved and extension of validity of Type approval certificate of BRC LPG conversion kits by M/s Rohan BRC gas Equipments Private Limited Ahmedabad.

   Subject to certain condition Certificate No

2. ICAT/CMVR/1055B-087/(R2)/K0431 Dt 29.05.2015

3. Electrical Circuit Diagram

4. Brief Description of system

5. Technical specification

6. The extension of validity certificate issued by ICAT is valid from 14.06.2015 to 13.06.2018 or registered from 1st January 2005 till the validity of Bharat Stage III norms or until further amendment of Notification No. GSR (589)(E) Dt.16.09.2005 whichever is earlier.

All the registering authorities in the State are hereby informed to ensure that, the following conditions are fulfilled before permitting any alteration on registration.

1. The Registering Authorities shall at the time of registration, verify approval of the Chief controller of Explosives (CCOE), for the LPG Cylinder and Multifunction valve in respect of the following in each individual case.

a) Specific Make and identification as referred in point 3 & 4 of technical specifications of LPG system.

b) Documental reference for quantity/Serial No. cleared by DOE, time to time in respect of cylinder.

c) Regarding multifunction valve the Chief Controller of Explosives (CCOE) approval to be specifically verified before installation/registration by Regional Transport Officer.

2. All the components of the LPG kit shall be as per the technical specification of Annexure-1 issued in this ARAI certificate. The LPG air mixer is of the type & design.

3. Any change in the kit specification or layout as approved under this certification shall be informed to Vehicles Research and Development Establishment/Automotive Research Association of India for approval with or without re-test, as the case may be.
For in-use retro-fitment, the responsibility of fitness and proper functioning of the LPG system on the vehicle including endorsement as "operation on LPG" by the concerned Registering Authorities under this certificate lies with M/s Rohan BRC gas Equipments Private Limited, Ahmedabad, as per Annexure V of AIS 025 O1 and also about rechecking of the Auto LPG cylinder, as prescribed by the Chief Controller of Explosives (CCOE) Nagpur.

Workshops authorized by M/s Rohan BRC gas Equipments Private Limited, Ahmedabad shall fulfill the requirements and the responsibilities in regard to fitment of LPG kits installer (Annexure V AIS 025).

It is the duty of kit installer to ensure at the time of installation of the kit that each Auto LPG cylinder supplied by them to customer is the one for which valid clearance of the Chief Controller of Explosives (CCOE) is available.

Auto LPG Cylinder and Cylinder valve approved by the Chief Controller of Explosives (CCOE), Nagpur shall have following requirements regarding mounting conditions of Auto LPG cylinder:

a) Auto LPG cylinder shall be permanently attached to the vehicle and shall have fitting as per IS: 14899 (as amended from time to time)

b) Auto LPG Tank shall be correctly oriented for its mounting as per manufacturer's specifications viz. the longitudinal axis of the Auto LPG cylinder is perpendicular to the vehicle longitudinal axis. The axis of the multifunction valve mounted on the empty cylinder when viewed from the side, makes an angle of 30°/90° with the horizontal plane and the level indicator arrow is positioned to zero, to ensure that a tank is not filled beyond 80% of its water capacity

c) The Auto LPG tank shall be permanently attached to the vehicle and shall have fitting as per IS: 14899 (as amended time to time) 1 subject to following conditions.

a) The containers are fitted with multifunction valve assembly approved by Chief controller of Explosives.

b) The containers are subject to periodic examination/testing once in a period of 5 years as provided under Gas cylinders Rules 2004.

c) The containers are subject to hydrostatic test at a pressure of 30 bar as required under rule 35 of the Gas cylinders Rules 2004.

d) The containers shall be condemned after the expiry of the service life of 15 years of the container, as provided under Rule 36 of Gas cylinders Rules 2004.

v) The certificate is valid till the Extension of Validity of Certificate issued by the ICAT is valid from 14.06.2015 to 13.06.2018 or till the validity of Bharat stage III norms as the case may be (or) further amendment in the central Motor Vehicle Rules, whichever is earlier.

To

1. All the Deputy Transport Commissioner Joint Transport Commissioner, Chennai (North & South) with a request to communicate this to the respective RTOs/MVLs for information and necessary action and send acknowledgment in this regard to this office.
3. The Chairman, Pollution Control Board, Chennai - 32.

Sd/- P Muruganandam,
Joint Transport Commissioner
(Road Safety)\ic

//By Order//

Personal Assistant to STA

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