

SRI LANKA STANDARD 1208 : 2001

**SRI LANKA STANDARD
SPECIFICATION FOR THE VAPORIZER AND
REGULATOR FOR CONVERSION OF
AUTOMOTIVES TO BI-FUEL (PETROL - LPG)
PROPULSION SYSTEM**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
SPECIFICATION FOR THE VAPORIZER AND REGULATOR FOR CONVERSION
OF AUTOMOTIVES TO BI-FUEL (PETROL - LPG) PROPULSION SYSTEM

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FOREWORD

This Sri Lanka Standard was approved by Technical Advisory Committee on Conversion of Automotives to Bi-fuel (Petrol-LPG) Propulsion Systems and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2001-03-20.

In this standard the requirements for vaporizer and regulator used in automotives having bi-fuel (Petrol - LPG) propulsion systems are specified.

Any alternative materials, equipment, designs, method of assembly or procedures, which do not comply with the specific requirements of this standard, or are not mentioned in it, but which gives equivalent results to those specified, may be acceptable. Under such conditions the regulatory authority can give advice on the procedure for approval.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this standard.

The Sri Lanka Standards Institution gratefully acknowledges the use of the following publications, in the preparation of this standard :

- a) UN Regulation No. 67
- b) AS/NZS/1425 : 1999 LP gas fuel systems for vehicle engines

1 SCOPE

This standard specifies the requirements for vaporizer and regulator used in the conversion of automotives to bi-fuel (Petrol - LPG) propulsion systems. It covers requirements for design, selection of materials, marking and testing.