

SRI LANKA STANDARD 1248 : 2002
UDC 665.725 : 621.433

**CODE OF PRACTICE FOR
LP GAS FUEL SYSTEMS FOR VEHICLE
ENGINES**

SRI LANKA STANDARDS INSTITUTION

**CODE OF PRACTICE FOR LP GAS FUEL SYSTEMS
FOR VEHICLE ENGINES**

SLS 1248 : 2002

Gr. 17

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FOR VEHICLE ENGINES**

FOREWORD

This standard was approved by the Technical Advisory Committee on Vehicles Using LP Gas Fuel Systems and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2002-12-16.

This standard is intended to provide designers manufacturers, installers and regulatory authorities with technical requirements for LP Gas fuel systems for vehicles so as to provide functional and safe installations. It should be noted that the practices contained in this standard are minimum requirements and they alone may not satisfy all regulatory aspects in relation to the safety of installation and use of LP Gas systems in vehicles. Relevant regulatory authorities should be consulted for advice on comprehensive regulatory requirements covering safety aspects.

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 give equivalent results to those specified, may be acceptable. Under such conditions the regulatory authority can give advice on the procedure for approval.

The Sri Lanka Standards Institution gratefully acknowledges the use of the following publication in the preparation of this standard.

- a) AS/NZS 1425: 1999 Australian/New Zealand Standard LP Gas fuel, systems for vehicles engines

1 SCOPE

This standard specifies requirements for liquefied petroleum gas (LP Gas) fuel systems for engines mounted on motor vehicles, either for the propulsion of the vehicles or for driving some auxiliary function, e.g. a mixer or a pump. It provides requirements for the design and construction of component parts, and for their installation in vehicles, and for tests, commissioning, and periodic inspection.

NOTES

1 This standard may be applied to stationary engines and small engine-powered appliance such as floor sweepers, polishers, trolleys, etc. where it is relevant.

2 This standard does not apply to other LP Gas usage, such as the gas supply system for appliances in caravans, mobile homes or for the propulsion of marine craft.

3. This standard does not cover the areas where major structural modifications are to be carried out to the vehicle (major structural modifications are those not defined in). Prior to