

**SRI LANKA STANDARD 1205 : 2000**

**SRI LANKA STANDARD  
SPECIFICATION FOR LP GAS FUEL  
CONTAINERS FOR CONVERSION OF  
AUTOMOTIVES TO BI-FUEL (PETROL-LPG)  
PROPULSION SYSTEMS**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**SPECIFICATION FOR LP GAS FUEL CONTAINERS FOR CONVERSION**  
**OF AUTOMOTIVES TO BI-FUEL (PETROL-LPG) PROPULSION SYSTEMS**

**SLS 1205 : 2000**

**Gr. 6**

*Copyright Reserved*  
**SRI LANKA STANDARDS INSTITUTION**  
No. 17, Victoria Place,  
Elvitigala Mawatha,  
Colombo 08  
**SRI LANKA**

**Sri Lanka Standard**  
**SPECIFICATION FOR LP GAS FUEL CONTAINERS FOR CONVERSION**  
**OF AUTOMOTIVES TO BI-FUEL (PETROL-LPG) PROPULSION SYSTEM**

**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 by the Council of the Sri Lanka Standards Institution on 2000-09-21.

This standard is for LPG containers with welded attachments to be used as parts of installations complying with SLS .....\*. Certain features, e.g. attachments, require reference to SLS .....\* and manufacturers should be familiar with this standard.

New designs and manufacturing methods are not prohibited by this standard. However it is advisable that no major variations are attempted without a thorough design verifications by an independent third party verification body acceptable to the Sri Lanka Standards Institution.

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) AS/NZS 3509 : 1996 LP gas fuel vessels for automotive use ; and
- b) UN regulation No. 67

**1 SCOPE**

This standard specifies requirements for welded carbon steel LP gas fuel containers of total volume not greater than 500 l, and for welded stainless steel LP gas fuel containers of total volume not greater than 200 l intended for automotive installations.

**NOTES**

- 1 SLS .....\* *Specify requirements for the installation of LP gas fuel containers in automotives.*
- 2 *Appendix B provides information that may be helpful to suppliers of 'valved-up' vessels for use by an installer without pre-installation tests.*

---

SLS .....\* LP Gas fuel systems for vehicle engines (under preparation)