

## Indian Standard

# LIQUEFIED PETROLEUM GAS (LPG) CONTAINERS FOR AUTOMOTIVE USE — SPECIFICATION

(First Revision)

### 1 SCOPE

This standard specifies the requirements of design, construction and testing of all welded steel containers for automotive liquefied petroleum gas (LPG) (see IS 14861) for vehicle propulsion, to be fixed permanently on the vehicle and fitted in that position.

### 2 REFERENCES

The standards given in Annex A contain provisions, which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed in Annex A.

### ANNEX A

(Clause 2)

#### LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
6240 : 2008	Hot rolled steel plate (up to 6 mm) sheet and strip for the manufacture of low pressure liquefiable gas cylinders
13871 : 1993	Powder coatings
14861 : 2000	Liquefied petroleum gases (LPG) for automotive purposes
15100 : 2001	Multifunction valve assembly for permanently fixed liquefied petroleum gas (LPG) containers for automotive use
15914 : 2011	High tensile strength flat rolled steel plate (up to 6 mm) sheet and strip for the manufacture of welded gas cylinder — Specification
16175 : 2014	Periodic inspection and requalification liquefied petroleum gas (LPG) cylinders for automotive use — Code of practice
1182 : 1983	Recommended practice for radiographic examination of fusion welded butt joints in steel plates
1501 : 2002	Method for vickers hardness test for metallic materials
1608 : 2005	Mechanical testing of metals — Tensile testing
2595 : 2008	Industrial radiographic testing - Code of practice
2825 : 1969	Code for unfired pressure vessels
3657 : 1978	Radiographic image quality indicators
3803 (Part 1) : 1989	Steel — Conversion of elongation values: Part 1 Carbon and low alloy steels
4853 : 1982	Recommended practice for radiographic inspection of fusion welded butt joints in steel pipes
5844 : 1970	Recommendations for hydrostatic stretch testing of compressed gas cylinders