

Australian/New Zealand Standard™

LP Gas fuel vessels for automotive use



AS/NZS 3509:2009

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME-001, Pressure Equipment. It was approved on behalf of the Council of Standards Australia on 16 December 2008 and on behalf of the Council of Standards New Zealand on 19 December 2008.
This Standard was published on 28 January 2009.

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This Standard was issued in draft form for comment as DR 08101.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 3509:2009
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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 15 May 2019.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committees ME-001, Pressure Equipment and ME-002, Gas Cylinders, to supersede AS/NZS 3509:2003, *LP Gas fuel vessels for automotive use*.

The Standard is for vessels with welded attachments intended to be used as parts of installations complying with AS/NZS 1425, *LP Gas fuel systems for vehicle engines*. Certain features, e.g. attachments, require reference to AS/NZS 1425 and so manufacturers need to be familiar with that Standard.

The design and manufacture of fuel vessels has strong links with both the gas cylinder industry and the pressure vessels industry, and the Standard has adopted successful practices from both these fields.

The main changes from the 2003 edition are the following:

- (a) Revised frequencies for radiographic examination (Clause 2.4.1).
- (b) Revised testing requirements for carbon steel vessels that are not intended to undergo heat treatment (Clause 2.4.3.2).
- (c) Clarification of requirements for elliptical pads.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

The term 'normative' has been used in this Standard to define the application of the Appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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