

AS/NZS 3509:2009

Reconfirmed 2022

AS/NZS 3509:2009

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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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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

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AS/NZS 3509:2009 (Reconfirmed) 2019-05-15

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**RECONFIRMATION**  
**OF**  
**AS/NZS 3509:2009**  
**LP Gas fuel vessels for automotive use**

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Technical Committee ME-001 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 15 May 2019.

Approved for reconfirmation in New Zealand on behalf of the New Zealand Standards Approval Board on 15 May 2019.

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Originated as AS 1210 Intp 1—1972.  
Previous edition AS/NZS 3509:2003.  
Fourth edition 2009.

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 9001 1

## 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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