

Australian Standard[®]

**Gas fuel systems for forklifts and
industrial engines**



This Australian Standard® was prepared by Committee ME-046, Gas Fuel Systems for Vehicle Engines. It was approved on behalf of the Council of Standards Australia on 16 December 2009.

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The following are represented on Committee ME-046:

- Australian Automobile Association
 - Australian Industrial Truck Association
 - Department for Premier and Cabinet, SA
 - Department for Transport, Energy and Infrastructure, SA
 - Department of Mines and Energy, Qld
 - Energy Safety, WA
 - Engineers Australia
 - Federal Chamber of Automotive Industries
 - Gas Association of New Zealand
 - International Association for Natural Gas Vehicles
 - Land Transport, New Zealand
 - LPG Association of New Zealand
 - LPG Australia
 - Motor Trade Association, New Zealand
 - Motor Traders' Association of NSW
 - Motor Trades Association of Australia
 - Roads and Traffic Authority of NSW
 - TAFE NSW
 - Victorian Police
-

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Gas fuel systems for forklifts and industrial engines

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PREFACE

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee ME-046, Gas Fuel Systems for Vehicle Engines to supersede AS 4983—2003, *Gas fuel systems for forklifts and industrial engines*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The 2009 edition of this Standard incorporates changes to LP Gas low pressure hosing not exceeding 450 kPa in Section 5. It also clarifies that this Standard does not apply to LNG fuel supply systems. It is now a requirement to fit an indexing pin to ensure correct container selection and orientation when a LP Gas container is removable. References to ‘cylinders’ have been changed to ‘containers for CNG’.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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