

Australian Standard[®]

Road tank vehicles for dangerous goods

**Part 2: Road tank vehicles for
flammable liquids**

STANDARDS
Australia



This Australian Standard® was prepared by Committee ME-057, Road Tankers for Hazardous Liquids and Gases. It was approved on behalf of the Council of Standards Australia on 6 March 2008.

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The following are represented on Committee ME-057:

- Australasian Fire Authorities Council
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Liquefied Petroleum Gas Association
 - Australian and New Zealand Industrial Gas Association
 - Department of Consumer and Employment Protection, WA
 - Department of the Premier and Cabinet, SA
 - Petroleum Industry Contractors Association
 - Queensland Transport
 - The Australian Gas Association
 - Victorian Transport Association
 - Victorian Work Cover Authority
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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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**Part 2: Road tank vehicles for
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PREFACE

This Standard was prepared by the Standards Australia Committee ME-057, Road Tank Vehicles for Dangerous Goods to supersede AS 2809.2—1999 *Road tank vehicles for dangerous goods, Part 2: Tankers for flammable liquids*.

This Standard sets out specific requirements for road tank vehicles transporting flammable liquids. This Part 2 of AS 2809 is to be used in conjunction with AS 2809.1 (which applies to all road tank vehicles) and any other Part of AS 2809 where more than one hazardous property applies to the dangerous goods in use.

The specific requirements applicable to particular road tank vehicles are detailed in the appropriate Part of the suite of Standards. The suite of Standards for road tank vehicles comprises six (6) Parts.

The scope of the brief given to the Committee was to review Parts 1, 2 and 3.

NOTE: Parts 4, 5 and 6 are to be reviewed at a later date yet to be determined.

The following Parts were reviewed by the Committee:

Part 1: General requirements for all road tank vehicles

Part 2: Road tank vehicles for flammable liquids

Part 3: Road tank vehicles for compressed liquefied gases

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.

IT SHOULD BE NOTED THAT COMPLIANCE WITH THIS STANDARD MAY NOT NECESSARILY FULFIL ALL LEGAL OBLIGATIONS.

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STANDARDS AUSTRALIA

Australian Standard**Road tank vehicles for dangerous goods****Part 2: Road tank vehicles for flammable liquids**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for the design, construction, inspection and testing of road tank vehicles for the transport of flammable liquids. This Standard is complementary to AS 2809.1.

1.2 OBJECTIVE

The objective of this Standard is to provide designers, planners, operators and regulators with technical requirements for road tank vehicles transporting flammable liquids, being dangerous goods of Class 3 or having a subsidiary risk of Class 3.

1.3 APPLICATION

Road tank vehicles for the transport of flammable liquids shall comply with AS 2809, Parts 1 and 2. Where any requirement of this Part differs from a similar requirement in Part 1, this Part shall take precedence.

NOTE: Road tank vehicles that have been 'certified' by the Weights and Measures Authority for trade use are also, required to comply with the National Standards Commission requirements for 'certification'.

1.4 REFERENCED DOCUMENTS

A list of the documents referred to in this Standard is provided in Appendix A.

1.5 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2809.1 apply.

1.6 NEW DESIGNS AND INNOVATIONS

This Standard does not prevent the use of materials, methods of assembly, procedures and techniques that do not comply with the specific requirements of this Standard, or are not mentioned in it, provided the minimum dimensional and performance requirements specified herein are met.

1.7 VEHICLE REQUIREMENTS**1.7.1 Spillage hazards**

The appropriate requirements of AS 2809.1 and the following requirements shall apply:

- (a) Any portion of an engine or exhaust system which by reason of its location can be reached by spillage from above, whether the tanker is parked or moving, or which is within 1 m of a liquid-carrying component of the pumping system, shall be protected from such spillage by a metal shield.