



## **Road tank vehicles for dangerous goods**

### **Part 3: Road tank vehicles for compressed liquefied gas**



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 13 March 2017.

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The following are represented on Committee ME-057:

- Australasian Fire and Emergency Service Authorities Council
  - Australia New Zealand Industrial Gas Association
  - Australian Chamber of Commerce and Industry
  - Australian Industry Group
  - Australian Institute of Petroleum Gas
  - Energy Australia
  - National Bulk Tanker Association
  - National Heavy Vehicle Regulator
  - Petroleum Industry Contractors Association
  - Queensland Transport
  - SafeWork SA
  - The Bitumen Users Group
  - WorkSafe Victoria
- 

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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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Australian Standard®

## Road tank vehicles for dangerous goods

### Part 3: Road tank vehicles for compressed liquefied gas

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## PREFACE

This Standard was prepared by the Standards Australia Committee ME-057, Road Tankers for Hazardous Liquids and Gases, to supersede AS 2809.3—2008, *Road tank vehicles for dangerous goods, Part 3: Road tank vehicles for compressed liquefied gases*.

This Standard specifies requirements for road tank vehicles transporting compressed liquefied gases. This Standard 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 being transported.

The objective of this revision of AS 2809.3 is to add Section 6, Liquid chlorine road tank vehicles. Please note that the scope of this revision was limited; a further revision of the full AS 2809 series, including this Standard, has been approved by Standards Australia and is currently underway.

This Standard is Part 3 of the AS 2809 series, which comprises six Parts. Part 1 specifies general requirements for all road tank vehicles and Parts 2 to 6 provide specific requirements applicable to particular road tank vehicles. The series is as follows:

### AS

- 2809 Road tank vehicles for dangerous goods
- 2809.1 Part 1: General requirements for all road tank vehicles
- 2809.2 Part 2: Road tank vehicles for flammable liquids
- 2809.3 Part 3: Road tank vehicles for compressed liquefied gases (this Standard)
- 2809.4 Part 4: Tankers for toxic and corrosive cargoes
- 2809.5 Part 5: Tankers for bitumen-based products
- 2809.6 Part 6: Tankers for cryogenic liquids

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.**

## CONTENTS

	<i>Page</i>	
<b>SECTION 1 SCOPE AND GENERAL</b>		
1.1 SCOPE.....	4	
1.2 OBJECTIVE.....	4	
1.3 APPLICATION.....	4	
1.4 REFERENCED DOCUMENTS.....	4	
1.5 DEFINITIONS.....	4	
1.6 NEW DESIGNS AND INNOVATIONS.....	4	
<b>SECTION 2 TANKS, ACCESSORIES AND COMPONENTS</b>		
2.1 GENERAL.....	5	
2.2 PROTECTION AGAINST ESCAPE OF CARGO.....	7	
2.3 SAFETY VALVES.....	8	
2.4 MANUAL SHUT-OFF VALVES.....	8	
2.5 DISCHARGE PROVISION.....	8	
2.6 VEHICLE CABLING AND ELECTRICAL EQUIPMENT.....	9	
2.7 PIPEWORK AND PIPE FITTINGS.....	12	
2.8 CONTENTS GAUGE.....	13	
2.9 GAUGES.....	13	
2.10 PUMPS AND COMPRESSORS.....	14	
2.11 TRANSFER HOSES AND HOSE COUPLINGS.....	14	
2.12 TANK IDENTIFICATION.....	15	
<b>SECTION 3 FLAMMABLE GASES</b>		
3.1 VALVES.....	16	
3.2 PUMPS.....	16	
3.3 TRANSFER HOSE.....	16	
3.4 TRANSFER HOSE COUPLINGS.....	16	
3.5 TANKER TRANSFER PROTECTION.....	16	
<b>SECTION 4 ANHYDROUS AMMONIA ROAD TANK VEHICLES</b>		
4.1 VALVE MATERIAL.....	17	
4.2 TRANSFER HOSE.....	17	
4.3 TRANSFER HOSE COUPLING.....	17	
4.4 TEMPERATURE GAUGE.....	17	
<b>SECTION 5 INSPECTION AND MAINTENANCE.....</b>		<b>18</b>
<b>SECTION 6 CHLORINE ROAD TANK VEHICLES.....</b>		<b>19</b>
<b>APPENDICES</b>		
A REFERENCED DOCUMENTS.....	20	
B CALCULATION OF AGGREGATE DISCHARGE CAPACITY FOR SAFETY VALVES.....	21	

**STANDARDS AUSTRALIA****Australian Standard**  
**Road tank vehicles for dangerous goods****Part 3: Road tank vehicles for compressed liquefied gas****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard specifies requirements for the design, construction, and inspection and testing of road tank vehicles for the transport of specifically listed (see Table 2.1) compressed liquefied gases by road. 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 compressed liquefied gases.

**1.3 APPLICATION**

Road tank vehicles for the transport of a compressed liquefied gas shall comply with AS 2809, Parts 1 and 3. Where any requirement of this Part differs from a similar requirement in Part 1, this Part shall take precedence.

NOTE: Although the title and scope of the Standard have been designed to allow flexibility for future expansion, it should be kept in mind that it was prepared on the basis of existing requirements for LP Gas and anhydrous ammonia. Its applicability to gases other than those listed in various tables in the Standard has not been considered in detail.

**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**

Any innovative material, design, method of assembly procedure, etc. which does not comply with specific requirements of this Standard, or is not mentioned in it, but which gives equivalent results to those specified, is not necessarily prohibited, provided the minimum dimensional and performance requirements specified herein are met.