



Road tank vehicles for dangerous goods

Part 1: General requirements for all road tank vehicles



AS 2809.1:2020

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The following are represented on Committee ME-057:

- Australasian Convenience and Petroleum Marketers Association
- Australasian Fire and Emergency Service Authorities Council
- Australia New Zealand Industrial Gas Association
- Australian Industry Group
- Australian Institute of Petroleum
- Australian Trucking Association
- Chemistry Australia
- Commercial Vehicle Industry Association of Australia
- Department of Natural Resources, Mines and Energy, Qld
- Department of Transport and Main Roads, Qld
- EPA NSW
- Gas Energy Australia
- Heavy Vehicle Industry Australia
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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 2809.1—2008, *Road tank vehicles for dangerous goods, Part 1: General requirements*.

The objective of this Standard is to provide designers, planners, operators and regulators with technical requirements for road tank vehicles transporting dangerous goods.

This Standard specifies general requirements for all road tank vehicles. Additional specific requirements applicable to particular road tank vehicles are detailed in the appropriate part of the AS 2809 series on road tank vehicles, which comprises six parts.

The major changes in this edition are as follows:

- (a) Duplicate clauses on maintenance and multiple tank types from other parts of the AS 2809 series have been amalgamated in this Standard.
- (b) Terms and definitions have been added, improved, and amalgamated from other parts of the AS 2809 series, into this Standard.
- (c) Design and electrical provisions have been revised and amalgamated from other parts of the AS 2809 series into this Standard.
- (d) The static roll-over threshold (SRT) method for stability has been included.
- (e) [Appendix B](#) has been aligned with current practice.

This Standard is intended to serve as a reference Standard for industry and for the various statutory authorities administering regulations for the safe design and maintenance of dangerous goods road tank vehicles. The wording of the title and scope have been chosen to align with the Australian Dangerous Goods (ADG Code).

Authorities and regulations may affect the use of this Standard. Conformance with this Standard does not fulfil all legal obligations. Designers, manufacturers and importers have a legal obligation to ensure, so far as is reasonably practicable, that plant and equipment is without risks to health and safety to workers throughout its life.

The terms “normative” and “informative” are used in Standards 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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