



Road Rail Vehicles



Rolling Stock Standard



This Australian Standard® AS 7502 Road Rail Vehicles was prepared by a RISSB Development Group consisting of representatives from the following organisations:

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The Standard was approved by the Development Group and the Rolling Stock Standing Committee in May, 2016. On June 15, 2016 the RISSB Board approved the Standard for release.

This standard was issued for public consultation and was independently validated before being approved.

Development of the standard was undertaken in accordance with RISSB's accredited process. As part of the approval process, the Standing Committee verified that proper process was followed in developing the standard.

RISSB wishes to acknowledge the positive contribution of subject matter experts in the development of this standard. Their efforts ranged from membership of the Development Group through to individuals providing comment on a draft of the standard during the open review.

I commend this standard to the Australasian Rail Industry as it represents industry good practice and has been developed through a rigorous process.



Paul Daly
Chief Executive Officer
Rail Industry Safety and Standards Board

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1 Introduction

1.1 Purpose

To set the known good practice core requirements for the safe design, construction, testing, maintenance, decommissioning and modifications of road rail vehicles.

To provide a minimum list of Network Registration requirements.

To give industry a means of reducing currently unacceptable risks relating to road rail vehicles.

1.2 Scope

This standard applies to all road rail vehicles.

Network registration of road rail vehicles by Rail Infrastructure Managers is not covered.

Any matters not relating to road rail vehicles are not covered.

Operation of road rail vehicles with respect to network safe working rules and route standards is not covered.

Road rail vehicles used on cane railway and monorail networks are not covered.

1.3 Compliance

There are two types of control contained within RISSB Standards:

- (a) mandatory requirements
- (b) recommended requirements

Each of these types of control address hazards that are deemed to require controls on the basis of existing Australian and international Codes of Practice and Standards.

A mandatory requirement is a requirement that the standard provides as the only way of treating the hazard.

Mandatory requirements are identified within the text by the term shall.

A recommended requirement is one where the standard recognises that there are limitations to the universal application of the requirement and that there may be circumstances where the control cannot be applied or that other controls may be appropriate or satisfactory, subject to agreement with the Operator, Rail Infrastructure Manager and/or Rail Safety Regulator.

Recommended requirements are to be considered when compliance with the standards is being assessed.

Recommended requirements are identified within the text by the term should.

Hazards addressed by this standard are included in line with the text (eg 5.5.1.10, 5.5.1.12). Refer to the RISSB website for the latest Hazard Register Guideline: www.rissb.com.au

1.4 Competency

Competence of all persons verifying designs of, or modifications to road rail vehicles shall be in accordance with AS 7501:2013, Section 4, Independent Competent Person. (5.5.1.10, 5.5.1.12, 5.5.1.45, 5.5.1.46)

In accordance with the Rail Safety National Law, all:

- Designers