

AS 7532:2016



# Railway Rolling Stock - Audible Warning Devices



Rolling Stock Standard



This Australian Standard® AS 7532 Railway Rolling Stock - Audible Warning Devices was prepared by a RISSB Development Group consisting of representatives from the following organisations:

EPA

Atkins

Faiveley

UGL

ARTC

Asset Standards Authority

Queensland Rail

The Standard was approved by the Development Group and the Rolling Stock Standing Committee in June, 2016. On June 30, 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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## Document Control

### Identification

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## 1 Introduction

### 1.1 Purpose

This document describes requirements for audible warning devices for the following types of Rolling Stock:

- (a) Locomotives.
- (b) Self-propelled passenger rolling stock driving vehicles including driving vehicles on a push/pull set.
- (c) Infrastructure maintenance rolling stock vehicles.

The main purpose of the requirements is to ensure that the design is suitable to allow the audible warning device to operate as an effective safety system.

### 1.2 Scope

This document applies to new and modified rolling stock.

The document covers the design, construction and maintenance of rolling stock.

Operation of rolling stock in regards to network safe working rules, procedures and route standards is not covered.

Rolling stock used on light rail, cane railway and monorail networks are not covered.

Road-Rail Vehicles are not covered in detail (see Section 2.2 for further details).

### 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 Rolling Stock Operator, Rail Infrastructure Manager and/or Rail Safety Regulator.

Recommended clauses are mandatory unless the RIM or RSO can demonstrate a better method of controlling the risk.

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 an appendix. Refer to the RISSB website for the latest Hazard Register Guideline: [www.rissb.com.au](http://www.rissb.com.au)