

AS 7645:2014



Rail Corridor Management



Infrastructure Standard



This Australian Railway Standard AS 7645 Rail Corridor Management was prepared by the RISSB Development Group. It was signed off by the Development Group and the Infrastructure Standing Committee in May, 2014 and subsequently by the Development Advisory Board (DAB) in August, 2014. The DAB confirmed that the process used to develop the standard was in accordance with the RISSB accredited development process. On September 02, 2014 the RISSB Board approved the Standard for release.



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This standard was issued for an open review and was subject to a combined workshop. It was also independently validated before being signed off and the approvals granted.

RISSB wish to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the committees and through the open review periods.

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Standard Change Procedures

RISSB maintains the master for this document and publishes the current version on the RISSB website.

Any changes to the content of this publication require the version number to be updated.

Changes to this publication must be approved according to the procedure for developing management system documents.

RISSB will identify and communicate changes to this publication.

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Preface

The Rail Industry Safety & Standards Board ('RISSB') provides a range of template products, collectively called the 'RISSB Products', including:

- Standards;
- Codes of Practice;
- Rules;
- Guidelines; and
- Handbooks.

The aim of this Standard is to outline requirements that encourage rail organisations to adopt a whole-of-life approach to rail corridor management. This approach includes the requirements in relation to rail corridor management in terms of management of fire and vegetation hazards related to fire and weeds including noxious weeds and pest plants for a range of railways in Australia.

For the purposes of this Standard, all clauses containing the term 'shall' are considered mandatory requirements; all clauses containing the term 'should' are considered recommendations, and all other clauses are explanatory statements.

All RISSB standards provide controls for hazards contained in RISSB's hazard guideline. In this particular Standard, the reference number of the hazard being addressed is identified in the attached appendix (where appropriate). RISSB's hazard guideline can be found on the RISSB website at www.rissb.com.au.

1 Introduction

1.1 Purpose

This document describes the requirements for the management of fire and vegetation hazards along the rail corridor including hazards related to fire and weeds including noxious weeds and pest plants. This Standard complements ISO 14001 Environmental Management.

1.2 Scope

This Standard covers rail networks classified in AS/RISSB 7630 Railway Infrastructure - Track Classification.

This Standard is not specifically intended to cover urban on-street tramway or light rail networks, cane railways, or heritage railways operating on private reservation, but items from this Standard may be applied to such systems as deemed appropriate by the relevant Rail Infrastructure Manager.

This Standard includes requirements for:

- Fire prevention and control; and
- vegetation hazard management.

ISO 14001 is a wider environmental management standard and may be used in conjunction with this Standard.

1.3 Compliance

There are two types of controls contained within the RISSB Australian Infrastructure Standards: 1. mandatory requirements; and 2. Recommended requirements.

Both of these types of control address hazards that are deemed to require control on the basis of existing Australian and international infrastructure practices and standards.

A mandatory requirement is a requirement that the Standard sees as the only way of treating the hazard.

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 Railway Infrastructure Manager.

Recommended requirements in the RISSB Australian standards are considered when compliance with this Standard is being assessed.

1.4 Referenced documents

The following documents are referred to in this Standard:

- (a) AS 4292.1 Railway Safety Management - General Requirements
- (b) AS/NZS ISO 31000 Risk Management - Principles and Guidelines
- (c) AS/RISSB 7630 Railway Infrastructure - Track Classification
- (d) ISO 14001 Environmental Management
- (e) Glossary of Railway Terminology (RISSB)
- (f) Rail Safety National Law 2012

1.5 Definitions

General railway technical terms can be found in the National Guideline - Glossary of Railway Terminology.

Specific terms used in this Standard are defined below:

ARO: Accredited Railway Organisation - for the purposes of this Standard the ARO is the Operator or Rail Infrastructure Manager responsible for the management of the rail corridor.

Bio site (rare flora and fauna reserve): A physical area of land or water containing biological assets with attributes, such as the presence of rare or threatened flora, fauna or habitat required for their survival or threatened vegetation communities.

Contractor: Individual or Organisation engaged under contract by the Rail Infrastructure Manager or ARO to perform services which may require access to the rail corridor.

Control Measures: Systems, procedures, training and equipment intended to control identified risks.

Fire: For the purpose of this Standard, a fire is an unplanned event involving flame, smouldering or smoke.

Fire Prevention and Control Plan: A formal document including clear wildfire management policies, procedures, plans and operational policies, setting out the Rail Infrastructure Manager's objectives, responsibilities and standards for fire mitigation, specifying management