

Code of Practice - Shunting Operations in Terminals, Yards and Maintenance Facilities

Code of Practice

1111

0 0000

(11)

0000 0



This Code of Practice was developed by a Rail Industry Safety and Standards Board (RISSB) Development Group consisting of representatives from the following organisations:

Arch services, ARTC, Aurizon, BHP, Downer, FMG, Railserve, Qube Logistics, Rio Tinto, RTBU, V/Line

The Safety and Operations Standing Committee verified that RISSB's accredited process was followed in developing the product before the RISSB Board approved the document for publication.

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

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

Damien White Chief Executive Officer Rail Industry Safety and Standards Board

Notice to users

This RISSB product has been developed using input from rail experts from across the rail industry and represents good practice for the industry. The reliance upon or manner of use of this RISSB product is the sole responsibility of the user, who is to assess whether it meets their organisation's operational environment and risk profile.

Keeping RISSB products up-to-date

Products developed by RISSB are living documents that reflect progress in science, technology and systems. To maintain their currency, RISSB products are periodically reviewed, and new editions are published when required. Between editions, amendments may be issued. Products developed by RISSB could also be withdrawn.

It is important that readers assure themselves that the RISSB product they are using is current, including any amendments that have been issued since the product was published. Information about RISSB products, including amendments, can be found by visiting <u>www.rissb.com.au.</u>

RISSB welcomes suggestions for improvements and asks readers to notify us immediately of any apparent inaccuracies or ambiguities. Members are encouraged to use the change request feature of the RISSB website at http://www.rissb.com.au/products/. Otherwise, please contact us via email at info@rissb.com.au or write to Rail Industry Safety and Standards Board, PO Box 518 Spring Hill Qld 4004, Australia.



Docu	men	t hig	story	

			5
		2.	
		6 1.0	
Document history			
Publication Version	Effective Date	Reason for and Extent of	Change(s)
1.0	25 August 2023	New publication	
	0	X W N	
Approval	\cdot		
Name			Date
Rail Industry Safety and St	andards Board		25 August 2023
cho.			
	9		
Copyright			

© RISSB

All rights are reserved. No part of this work can be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of RISSB unless otherwise permitted under the Copyright Act 1968.

Published by the Rail Industry Safety and Standards Board, PO Box 518 Spring Hill Qld 4004, Australia.



Table of Contents

Section 1	Scope and General4
1.1	Purpose4
1.2	Scope
1.3	Referenced documents
1.4	Defined terms and abbreviations4
Section 2	Shunting Operations - Overview
2.1	General
2.2	Obligations – Rail Safety National Law
Section 3	Shunting Protocols
3.1	Fundamental Principles
3.2	Rules and prohibitions7
Section 4	Shunting Process
4.1	Planning and preparation
4.2	Assessment of risks
4.3	Communication
4.3.1	General9
4.3.2	Shunt controlled by radio
4.3.3	Shunt controlled by hand signals
4.4	Perform shunting operations
4.4 4.4.1	General
	General
4.4.1	General 10 Propelling rolling stock 10 Shunting across level crossings 11
4.4.1 4.4.2	General 10 Propelling rolling stock 10 Shunting across level crossings 11 Protection of competent workers 11
4.4.1 4.4.2 4.4.3	General 10 Propelling rolling stock 10 Shunting across level crossings 11
4.4.1 4.4.2 4.4.3 4.5	General 10 Propelling rolling stock 10 Shunting across level crossings 11 Protection of competent workers 11 Handover of shunt movement 11 Defective rolling stock 12
4.4.1 4.4.2 4.4.3 4.5 4.6	General 10 Propelling rolling stock 10 Shunting across level crossings 11 Protection of competent workers 11 Handover of shunt movement 11
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7	General 10 Propelling rolling stock 10 Shunting across level crossings 11 Protection of competent workers 11 Handover of shunt movement 11 Defective rolling stock 12
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8 Section 5	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12Training and monitoring13
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8 Section 5 5.1	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12Training and monitoring13Training13
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8 Section 5 5.1 5.2	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12Training and monitoring13Training13Auditing13
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8 Section 5 5.1 5.2 Appendix A	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12Training and monitoring13Training13Auditing13Roles and responsibilities14
4.4.1 4.4.2 4.4.3 4.5 4.6 4.7 4.8 Section 5 5.1 5.2 Appendix A A.1	General10Propelling rolling stock10Shunting across level crossings11Protection of competent workers.11Handover of shunt movement11Defective rolling stock12Shunting with remotely controlled vehicles12Training and monitoring13Training.13Auditing13Roles and responsibilities14Rail transport operators14



Section 1 Scope and General

1.1 Purpose

This Code of Practice (CoP) aims to provide a consistent approach to managing shunting operations within rail terminals, yards and maintenance facilities.

This CoP complements the network rules and procedures implemented for shunting and marshalling by Rail Infrastructure Managers and, where applicable, should be read in conjunction with those rules.

1.2 Scope

This CoP provides principles and practices for the safe management of shunting operations by rail safety workers within the railyard.

The practices in this CoP apply to all entities working in the Australian rail industry. This includes all rail transport operators, contractors, and any third parties whose personnel engage in shunting operations.

This CoP does not cover any information related to loading operations. The Code of Practice for Loading of Rail Freight describes a common practice for loading freight on rail vehicles.

1.3 Referenced documents

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document:

- ANRP 4013 Shunting & Marshalling
- Operational Concept for the Australian Rail Network.
- RISSB Code of practice: Safety critical communication.

1.4 Defined terms and abbreviations

For the purposes of this document, the following terms and definitions apply:

1.4.1

Competent Worker

a worker certified as competent to carry out a relevant task

1.4.2

Consist

a listed order of rolling stock arranged to make up a complete train.

1.4.3

Danger Zone

within 3m horizontally from the nearest rail and any distance above or below this 3m unless a safe place exists or has been created.

1.4.4

Hand brake

device to secure a rolling stock against movement.

1.4.5

Motive Power Unit

rolling stock used to provide the power to move itself or other rolling stock

1.4.6

PICSO

person in charge of shunt operations