

RISSB Product Proposal (and Prioritisation)

Primary information			
Type of product being suggested:	Guideline		
Title of product being suggested:	Maintenance Facilities Shunting Operations Guideline		
Date of suggestion:	2019		
Reason for suggestion:	To generate a common base industry approach to shunting and isolation to ensure the safe movement of rollingstock in maintenance and manufacturing facilities		
Railway discipline area:	Rollingstock – safe movement within maintenance and manufacturing facilities		
Objective:			
<p>Shunting in maintenance facilities is a high-risk activity, particularly when facilities become busy. Shunters work within the danger zone around moving rollingstock.</p> <p>Each facility tends to have variations on controls implemented. This inconsistency can cause increased risks.</p> <p>Developing a common set of guidelines for safe movement of uncontrolled movements of rolling stock in maintenance and manufacturing facilities will increase safety and reduce risk.</p>			
Scope:			
<p>Variations exist across the industry in relation to the safe movement of rollingstock in maintenance and manufacturing facilities. It is recommended that Shunting guidelines be developed to provide consistency in:</p> <ul style="list-style-type: none"> • Assessing the risk • Movement checklist • Risk assessments covering each type of rolling stock movement • Shunt team competency and fitness for duty • Appropriate maintenance of shunt vehicles • Brake function testing before choke removal • Make safe protection • Entering the Line of Fire • Shunter communication with driver • Shunting speeds • Route and points set and clear • Rollingstock secured after movement <p>A draft guideline that has been initiated by rollingstock maintainers is attached.</p>			
Hazard identification:			
1	Prevention of crash and musculoskeletal injuries	6	
2	Isolation to protect maintainers and shunters	7	
3	Prevention of derailment and collision	8	

4	Uncontrolled movement of vehicles and derailment	9	
5	Isolation of overhead power and working at heights	10	

Definitions

i A **Guideline** is a set of informative guidance. It is not normative but informative.

A **Code of Practice** is a set of descriptions. It is the “how” one can meet a higher-level requirement (either of a Standard, or a piece of Legislation). It is normative, but by its nature can contain several options about how to achieve compliance with the higher-level requirement. It can also have some informative guidance within it if it is more practical than writing a separate guideline.

A **Standard** is a set of requirements only. It is the “what” must be done to be claim compliance to the standard. It is normative. It can also contain optional and/or supplementary requirements, but they still should be worded as requirements.

Benefits: *(enter wherever applicable in below categories)*

Safety

- measurable improvements in safety
- reduced safety risk so far as is reasonably practicable
- clear and consistent expectations of shunters

Interoperability / harmonisation

Consistency across maintainers, operators and networks.

Financial

n/a

Environmental

n/a

Impacts:

nil

Reference / source materials:

#	<u>Reference / source material</u>	<u>Available from</u>
1	Maintenance Facilities Shunting Operations Draft Guideline 2018	ARA
2		
3		

4		
5		

Definitions

ii ***Interoperability*** is the ability of a process, system or a product to work with other process, systems or products (aka compatible systems through managed interfaces).

iii ***Harmonisation*** - the act of bringing into agreement so as to work effectively together (aka uniformity of systems).