



# Requirements for the Procurement of Rolling Stock Guideline

This Rail Industry Safety and Standards Board (RISSB) product has been developed using input from rail experts from across the Rail Industry. RISSB wishes to acknowledge the positive contribution of all subject matter experts and DG representatives who participated in the development of this product.

The RISSB Development Group for this Guideline consisted of representatives from the following organisations:

TfNSW	Calibre	DPTI
Mott Macdonald	Monash University	ARTC
PTV	Lifecycle Assurance & Engineering	Aurecon

Development of this guideline was undertaken in accordance with RISSB's accredited processes. It was approved by the Development Group, endorsed by the Standing Committee, and approved for publication by the RISSB Board.

I commend this Guideline to the Australasian rail industry as part of the suite of RISSB products assisting the rail industry to manage rail safety, improve efficiency and achieve safety outcomes through interoperability and harmonisation.



Deborah Spring  
Chief Executive Officer  
Rail Industry Safety and Standards Board

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## Document control

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## 1 Introduction

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### 1.1 General

The procurement of rolling stock is a complex and time-consuming process which is a specialist area that traverses a wide variety of subject matter. When rolling stock procurement projects are executed carefully by following best practice and avoiding known pitfalls, the deliverables will more likely align with the objectives of the business. When errors are made by missing or misinterpreting a requirement, the result could potentially lead to delivery of the wrong product or a breakdown of the project itself.

### 1.2 Objective

This guideline provides a harmonised, uniform and consistent approach to the process of preparing technical specifications for the procurement of rolling stock, ensuring consistence and providing specific guidance on the form and content.

### 1.3 Scope

Technical specifications form an agreement between purchaser and supplier, typically using standards as a common point of reference. The technical specification is also an important early milestone in the safety program, establishing in part the initial response to the recognised hazards of rolling stock operation. However, there is currently no common industry approach to preparing technical specifications for rolling stock. This guideline provides a recommended approach for procurement of rolling stock commencing from the project concept phase.

### 1.4 Who should use this guideline and why

This guideline provides assistance to procurement teams, suppliers, manufacturers and purchasers who are involved in the procurement of rolling stock and represents good practice in the Australian railway industry. The guideline is intended to be used for the procurement of new rolling stock, however the principles laid out within this guideline can also be applied to rolling stock refurbishment projects.

The guidance provided will assist in producing a well-considered and appropriate technical specification which will lead to the procurement of rolling stock meeting the objectives of the business.

Following the recommendations of this guideline will assist in preparing documentation that specifies what the functional requirements are and what standards they need to comply with.

### 1.5 How to use this guideline

This guideline is intended to complement existing RISSB products and provide a starting point for the procurement process. Throughout this guideline, reference will be made to the appropriate existing standards, codes of practice and guidelines which will provide additional support.

This guideline is intended to precede the application of AS 7501 Rolling Stock Compliance Certification, it is important to understand that the overall certification process described by AS 7501 concludes with the independent competent person (ICP) issuing a Certificate of Standards Compliance.