

RISSB product for prioritisation

Primary information	
Type of product being suggested:	Guideline
Title of product being suggested:	Anthropometric Data for Rolling Stock
Date of suggestion:	28 February 2018
Reason for suggestion:	There is no standard set of anthropometric data used in the rail industry as no up to date data exist for the Australian civilian population. Other datasets are used, or none which creates inefficiencies and cost implications as well as the potential for compromising safety. This guidance would assist the Australian rail manufacturing industry as well as operators in Australia and New Zealand in selecting the most appropriate dataset from those that are available.
Railway discipline area:	Rolling Stock
Scope:	
<p><u>The scope of the project</u> The project is aimed at specifying a standard set of anthropometric data for application in the rail industry in Australia.</p> <p><u>The scope of the Guidance</u></p> <ol style="list-style-type: none"> 1. Identify datasets currently in use by Australian Rail Industry. 2. Identify additional datasets that are available to use. 3. Propose method for selecting the most representative dataset from those identified 4. Detail constraints on usage of the recommended dataset and provide recommendations for provision of anthropometric data going forward. 	
Objective:	
<p><u>What:</u> The objective is to provide recommendation on the most appropriate anthropometric dataset to use to represent Australian/NZ civilians</p> <p><u>Why:</u> At present industry uses a variety of data which can lead to inconsistencies.</p> <p><u>For Whom:</u> This product is intended for use OEMs and operators</p>	
Hazard identification:	
1	Injury to people in the rolling stock cab
Benefits:	
A standard set of anthropometric data would give manufacturers a base for rollingstock design, reducing variability, potentially cutting costs and ensuring safety and occupant comfort is improved.	
Impacts:	
This guideline will be informed by existing anthropometric data sets (international and those applied locally).	