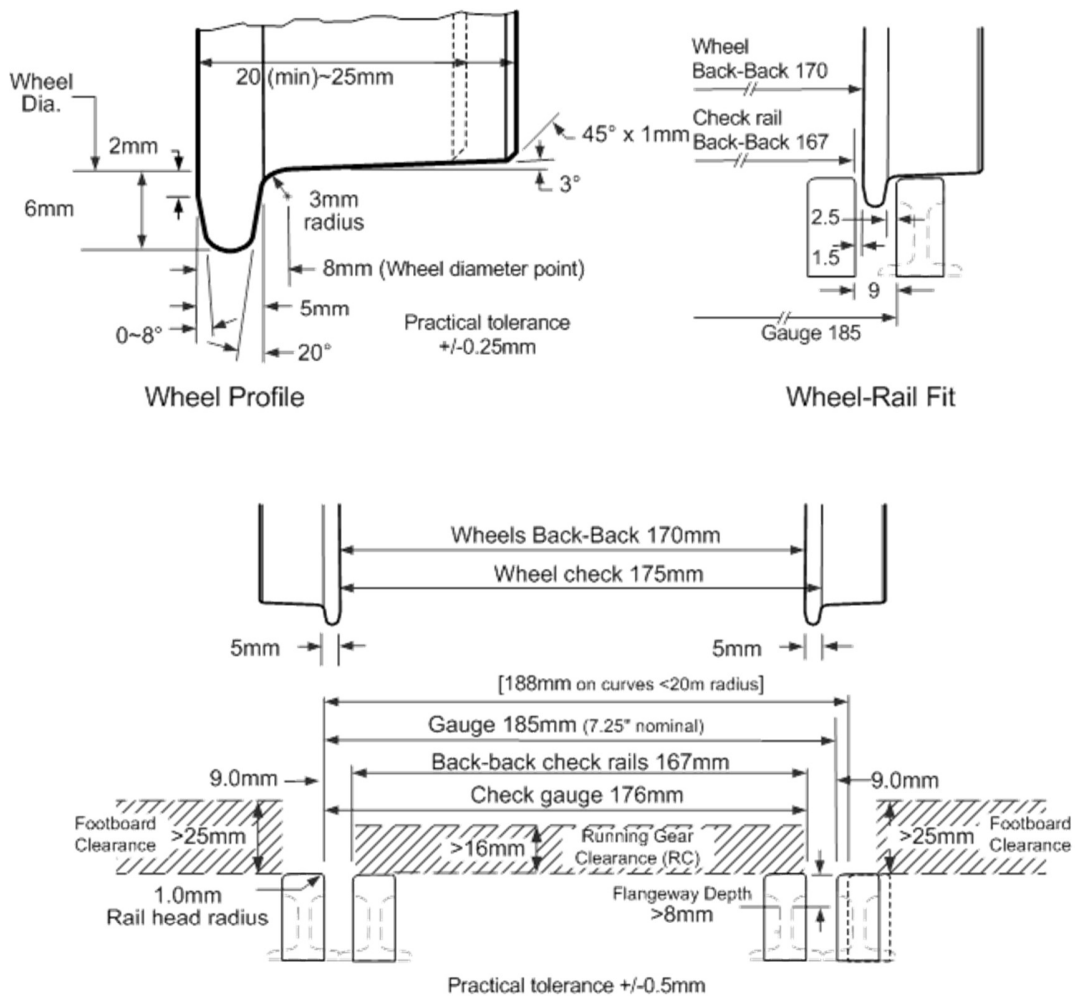


**AUSTRALIAN ASSOCIATION OF LIVE STEAMERS
LIMITED**

ACN 107 882 404

7¼ Inch Gauge Track/Wheel Standards

Information extracted from "Code of Practice" document Appendix 5.
Refer to this document for more details.



Coupler height above rail 125mm
Coupler pin 10mm dia (min)
Drawbar cross-section 25 x 8 mm (min)
Running gear clearance >16mm above rail

7¼" GAUGE

Standard Track Dimensions:		
	Imperial	Metric (mm)
Track Gauge (Nominal)	7.25"	184.15
Track Gauge (Actual)	7.28"	185.00
Check Gauge	6.83"	176.00
Check Rail Spacing	6.57"	167.00
Width of Flangeway	0.35"	9.00
Gauge Clearance	0.20"	5.00
Gauge Widening (Curves <20m radius)	0.12"	3.00
Railhead Edge Radius	0.04"	1.00
Depth of Flangeway (minimum)	0.32"	8.00
Wheel Check Clearance to back of wheel	0.06"	1.50
		Practical tolerance: ±0.5mm

Standard Wheel Dimensions:		
	Imperial	Metric (mm)
Back to Back (BB)	6.69"	170.00
Flange Depth	0.24"	6.00
Flange Thickness (FT)	0.20"	5.00
Flange Angle - Front	20°	20°
Flange Angle - Rear	0 - 8°	0 - 8°
Wheel Check (BB+FT)	6.89"	175.00
Wheel Root Radius	0.08" - 0.12"	2.00 - 3.00
Wheel Tyre Taper	3°	3°
Wheel Tyre Width (minimum)	Fine scale	0.80"
	Narrow gauge	0.98"
Flange Tip Profile	Half round	
		Practical tolerance: ±0.25mm

Rolling Stock Dimensions:		
		Metric (mm)
Coupler Height (above rail)		125
Drawbar X-section (minimum)		25 x 8
Coupler Pin Diameter (minimum)		10
Running Gauge Clearance (minimum)		16

17 June 2009