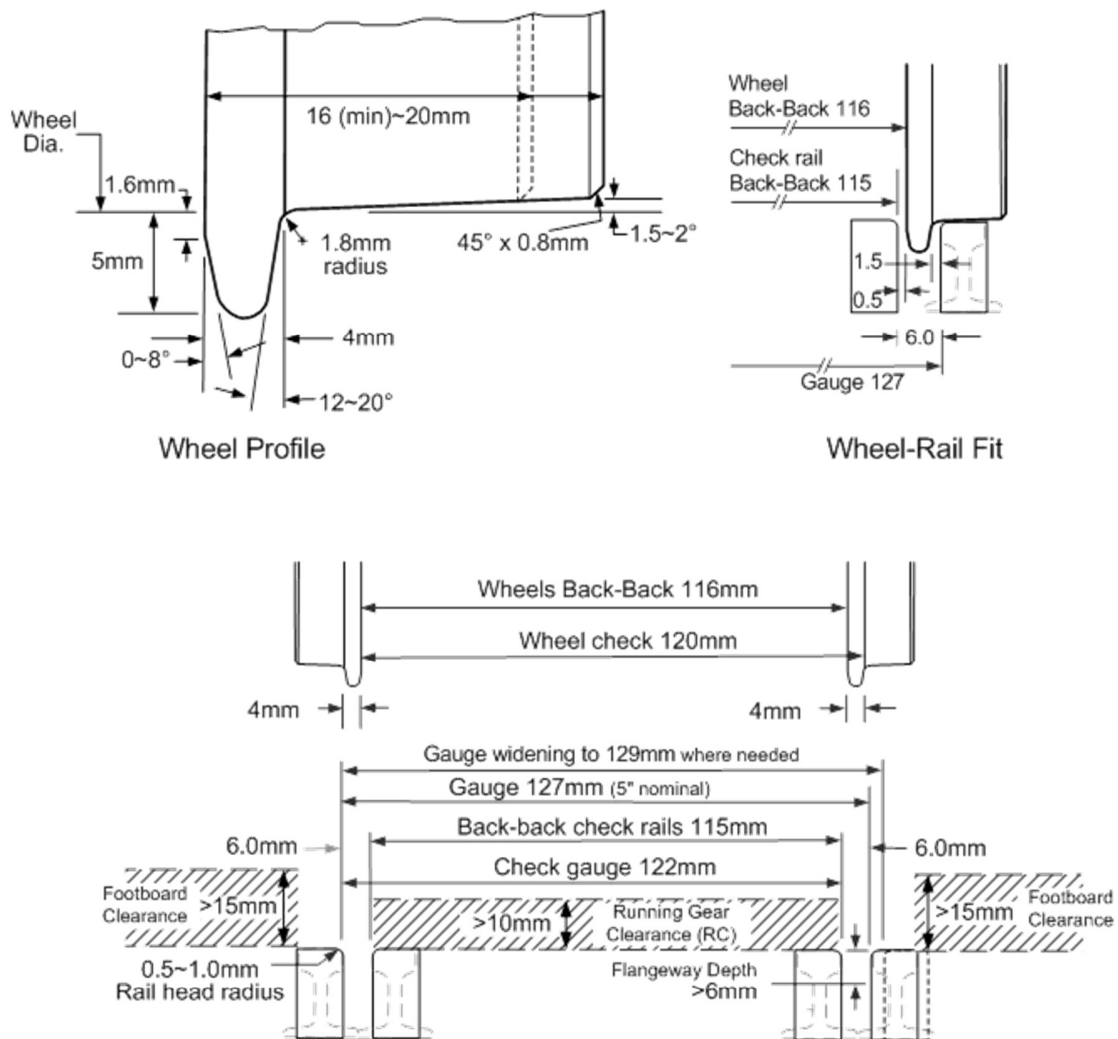


**AUSTRALIAN ASSOCIATION OF LIVE STEAMERS  
LIMITED**

**ACN 107 882 404**

**5 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 82.5mm
- Coupler pin 6.35mm dia (min)
- Drawbar cross-section 16 x 5 mm (min)
- Running gear clearance >10mm above rail

**5" GAUGE**

<b>Standard Track Dimensions:</b>		
	Imperial (inches)	Metric (mm)
Track Gauge (Nominal) (G)	5	127
Track Gauge (Actual)	5	127
Track Gauge Widening (maximum, where needed)	5.094	129
Check Rail Spacing (CR)	4.531	115
Width of Flangeway (W)	0.235	6.0
Gauge Clearance (G-BB-2*FT)	0.125	3.0
Railhead Edge Radius	0.02~0.04	0.5~1.0
Depth of Flangeway (minimum)	0.25	6.0

<b>Standard Wheel Dimensions:</b>			
	Imperial (inches)	Metric (mm)	
Back to Back (BB)	4.563	116.0	
Flange Depth	0.187	5.0	
Flange Thickness (FT)	0.156	4.0	
Flange Angle - Front	12~20°	12~20°	
Flange Angle - Rear	0~8°	0~8°	
Wheel Check (BB+FT)	4.718	120.0	
Wheel Root Radius	0.07	1.8	
Wheel Tyre Taper	1.5~2°	1.5~2°	
Wheel Tyre Width (minimum)	Fine scale	0.55	14
	Normal (Preferred)	0.63	16
Flange Tip Profile	Half round		

<b>Rolling Stock Dimensions:</b>		
	Imperial (inches)	Metric (mm)
Coupler Height (above rail)	3 <sup>1</sup> / <sub>4</sub>	82.5
Drawbar X-section (minimum)	<sup>5</sup> / <sub>8</sub> x <sup>3</sup> / <sub>16</sub>	16 x 5
Coupler Pin Diameter (minimum)	0.25 ( <sup>1</sup> / <sub>4</sub> )	6.35
Running Gauge Clearance (minimum)	<sup>3</sup> / <sub>8</sub>	10

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