



MANUAL RECORDING OF GAUGE, PLAY & SUPERELEVATION IN POINTS & CROSSINGS

Location: _____ Track from: _____ Track to: _____ Kilometrage: _____
 SPN / Equip. I.D. No.: _____ Work Group: _____ Date: _____ Signature: _____

This form is used in the Detailed inspection of P&C installations deemed high risk due to grade separation or curvature. See Code of Practice section 3.3.4. It can also be used at other P&C installations or plain track where geometry parameters, particularly twists, are desired to be measured and assessed manually.

Note that measurement stations are at 2m intervals commencing 6m ahead of the points on the mainline, short twists are over 2m and long twists are over 14m.

	Station	1	2	3	Pts	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		WIDE GAUGE	Over 20																						
	16 - 20																								
	11 - 15																								
	6 - 10																								
	1 - 5																								
	0																								
TIGHT	1 - 5																								
	6 - 10																								
	Over 10																								
PLAY*	0																								
	1 - 5																								
	6 - 10																								
	Over 10																								
SUP	Measure																								
	Design																								
Short Twist Calc																									
Long Twist Calc																									

	Station				Pts	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
	TURNOUT	WIDE GAUGE	Over 20																								
16 - 20																											
11 - 15																											
6 - 10																											
1 - 5																											
0																											
TIGHT		1 - 5																									
		6 - 10																									
		Over 10																									
PLAY*		0																									
		1 - 5																									
		6 - 10																									
		Over 10																									
SUP		Measure																									
		Design																									
		Short Twist Calc																									
		Long Twist Calc																									

* Rail play is any potential movement of the rail across the sleeper or bearers (usually timber) and, in particular, movement which will make the track gauge widen under load. This is added to the static gauge measurement to accurately reflect the track gauge under loaded conditions.