



TURNOUT CONDITION RECORD SHEET

TRACK SECTION:	LOCATION:	DATE:
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SIZE OF PLANT:	INSPECTOR:	SIGNATURE:
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CHECKLIST – SWITCH BLADES AND STOCK RAILS

SWITCH TYPE: _____

SWITCH BLADES		Condition				Action Required			Comment
Check Item		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
RH	Point								
	Wear								
	Heel								
	Fitting								
	Bearing-on chairs								
	Fastenings								
LH	Point								
	Wear								
	Heel								
	Fitting								
	Bearing-on chairs								
	Fastenings								
	Point Squareness								
Switch Tips Gauge Measurement				Should be		Switch Throw		Measurement should be:	
RH	Gauge				1600 + 5mm or –5mm		RH	115mm + 5mm or -5mm	
LH	Gauge				1600 + 5mm or - 5mm		LH	115mm + 5mm or -5mm	

STOCK RAILS		Condition				Action Required			Comment
Check Item		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
RH	Wear								
	Line								
	Top								
	Chair Bolts								
	Rail Fastenings								
LH	Wear								
	Line								
	Top								
	Chair Bolts								
	Rail Fastenings								
Measurement				Should be					
RH	Gauge				1600 + 5mm or –5mm				
LH	Gauge				1600 + 5mm or –5mm				

HEEL		Condition				Action Required			Comment
Check Item		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
RH	Block								
	Bolts								
LH	Block								
	Bolts								
Measurement				Should be					
RH	Gauge				1600 + 5mm or - 5mm				
LH	Gauge				1600 + 5mm or - 5mm				

OTHERS		Condition				Action Required			Comment
Check Item		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
Stretcher Bars									
Switch Operation									
Lubrication									



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CHECKLIST – 'V' CROSSINGS AND GUARD RAILS

CROSSINGS	Condition				Action Required			Comment
	Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
Nose								
Wing								
Blocks								
Bolts								
Rail Fastenings								
	Gauge measurement should be:							
Nose gauge measurement	1.	2.	1600 +5mm to – 8mm					

GUARD (CHECK) RAILS		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
RH	Wear								
	Flangeway								
	Blocks								
	Rail Fastenings								
LH	Wear								
	Flangeway								
	Blocks								
	Rail Fastenings								

CHECKLIST – CLOSURE RAILS, TIMBERS, BALLAST AND GEOMETRY

CLOSURE RAILS		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Tighten	Ground	Weld	Action Taken
	Wear								
	Joints								
	Welds								
	Fastenings								
	Lead Plates								

TIMBERS		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Change	Repair	Renew	Action Taken
	Position								
	Packing								

FASTENING TO TIMBERS		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Change	Repair	Renew	Action Taken
	Switch RH								
	Switch LH								
	Crossing								
	Lead Rails								
	Guard rail RH								
	Guard rail LH								

BALLAST		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Change	Add	Renew	Action Taken
	Shape								
	Amount								

GEOMETRY		Condition				Action Required			Comment
		Good	Fair	Poor	Replace	Change	Adjust	Renew	Action Taken
	Top								
	Twist								
	Line								
	Gauge								