

# RAMSGATE AND DISTRICT MODEL ENGINEERING CLUB



## RISK ASSESSMENT

Assessment No.:	RA10	Issue No.	2
Activity:	Model Train Rides.		
Persons at risk:	Drivers, passengers and bystanders.		

Key								
L: Likelihood	5	5	10	15	20	25	<b>High-risk: 15-25</b>	High-risk activities should cease immediately. Further effective control measures to mitigate risks must be introduced.
	4	4	8	12	16	20		
	3	3	6	9	12	15	<b>Medium-risk: 8-12</b>	Medium-risks should only be tolerated for the short-term, whilst further control measures to mitigate the risks are being planned and introduced.
	2	2	4	6	8	10		
	1	1	2	3	4	5	<b>Low-risk: 1-6</b>	Low-risks are largely acceptable. Where it is reasonable to do so, efforts should be made to reduce risks further.
		1	2	3	4	5		
<b>S: Severity</b>				<b>DR: Degree of risk</b>			<b>RR: Residual risk</b>	
Guidance.	<ol style="list-style-type: none"> <li>1. Identify the persons at risk and the significant hazards.</li> <li>2. Calculate an initial RR for the activity.</li> <li>3. Identify risk control measures that reduce the risks to an acceptable level.</li> <li>4. Calculate a revised RR – assuming the control measures are followed.</li> </ol> (Consider changing both the likelihood (L) and the severity (S) ratings.)							

Significant Hazards	Initial		
	L	S	DR L x S
Risk of injury from defective track system or riding wagons, which could cause derailment, or passengers being thrown off train.	2	5	10

Risk Control Measures	Residual		
	L	S	RR L x S
Before operating trains: The track and anti-tip bars shall be inspected for damage and an entry made on a Day Running Sheet confirming that this has been done and detailing any defects found. Should any damage be evident, no trains shall run until repairs have been made. Riding wagons shall be examined to ensure they are track-worthy and that their braking system is fully functional. Should any defect be evident, the wagon shall not be allowed on the track until repairs have been made. A Day Running Sheet entry shall be made to confirm that any wagons used have been inspected and detailing any deficiencies in them. Any remedial work carried out on either the track, or riding wagons shall be recorded on an asset specific Maintenance Record Sheet – Form RADMEC-005	1	5	5

Authorised By – Safety Officer:		Print:	Peter Wilson	Date:	08-02-2024
Annual Review By:			Duncan Edwards		17-03-2025
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