

# RAMSGATE AND DISTRICT MODEL ENGINEERING CLUB



## RISK ASSESSMENT

Assessment No.:	RA03	Issue No.	4
Activity:	Any, but primarily when operating steam engines		
Persons at risk:	Club Members and the General Public		

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	1	2	3	4	5		
S: Severity				DR: Degree of risk			RR: Residual risk	
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 fire created from burning embers dropped or ejected by steam locomotives and traction engines. Risk of fire from electrical system failures. Risk of fire from sunlight through glass.	2	5	10

Risk Control Measures	Residual		
	L	S	RR L x S
No combustible materials are to be left near any source of ignition. The exception to this is in the case of materials, such as coal, used to fire the boiler of a steam engine, when in the steaming bay or the station. Unless authorised by a committee member, no item of electrical equipment shall be left turned on while the club shed / workshop is unoccupied. There are two Fire Extinguishers kept inside the club shed. A water extinguisher to be used on non-electrical fires only and a CO2 extinguisher for use on electrical fires. All items of electrical equipment to be used in the club shed / workshop is subject to a Portable Appliance Test (PAT) to ensure the electrical safety of the equipment. Testing shall be repeated at regular intervals, the frequency of which to be determined under the responsibility of the Safety Officer. A report of items PAT tested shall be retained under the responsibility of the Safety Officer. Any glass items found on or around the track to be removed and disposed of safely.	1	4	4

Authorised By – Safety Officer:		Print:	Peter Wilson	Date:	04-01-2024
Annual Review By:			Duncan Edwards		17-03-2025
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