

# RAMSGATE AND DISTRICT MODEL ENGINEERING CLUB

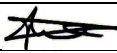

## RISK ASSESSMENT

Assessment No.:	RA11	Issue No.	3
Activity:	Electrical Equipment		
Persons at risk:	Club Members and General Public.		

Key								
<b>L:</b> 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:</b> Severity				<b>DR:</b> Degree of risk			<b>RR:</b> 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
There are numerous mains powered items located in the club house as well as multiple 13A sockets and lighting. Should the wiring, plugs or cables on any of these become damaged or the conductors be bare there is a risk of electric shock.  Locomotives powered by Batteries could potentially catch fire, causing burns or burns from arcing when making connections or shorting out connections.	2	5	10

Risk Control Measures	Residual		
	L	S	RR L x S
Portable Appliance Testing of all 'plug-in' appliances is carried out at appropriate intervals to ensure their continued safety for use.  Battery powered Locomotives should all be fitted with the means to isolate the battery pack in the unlikely event that a problem arises.	1	5	5

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