

RAMSGATE AND DISTRICT MODEL ENGINEERING CLUB

RISK ASSESSMENT

Assessment No.:	RA06	Issue No.	3
Activity:	Moving parts.		
Persons at risk:	Club Members and General Public.		

Key								
L: Likelihood	5	5	10	15	20	25	High-risk: 15-25	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	Medium-risk: 8-12	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	Low-risk: 1-6	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		
S: Severity				DR: Degree of risk			RR: Residual risk	



Guidance.

1. Identify the persons at risk and the significant hazards.
2. Calculate an initial RR for the activity.
3. Identify risk control measures that reduce the risks to an acceptable level.
4. Calculate a revised RR – assuming the control measures are followed.

(Consider changing both the likelihood (L) and the severity (S) ratings.)

Significant Hazards	Initial		
	L	S	DR L x S
Locomotives, traction engines and rolling stock that are operating, have moving parts that could cause injury.	3	5	15

Risk Control Measures	Residual		
	L	S	RR L x S
No locomotive or traction engine with moving parts shall be left unattended by the operator. Traction engines often have moving parts when stationary, so special care must be taken to minimize the risk of injury. Rolling stock not in use or uncoupled from a locomotive should be secured so as not to 'run away'. Ensure fingers, hands, limbs and persons are clear of any moving parts before they move.	1	5	5

Authorised By – Safety Officer:		Print:	Peter Wilson	Date:	04-01-2023
Annual Review By:			Duncan Edwards		17-03-2025
Annual Review By:					
Annual Review By:					
Annual Review By:					