

RAMSGATE AND DISTRICT MODEL ENGINEERING CLUB

RISK ASSESSMENT

Assessment No.:	RA04	Issue No.	3
Activity:	Model Train and Traction Engine Rides.		
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	1	2	3	4	5		
S: Severity				DR: Degree of risk			RR: Residual risk	

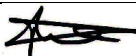

Guidance.

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
<p>When steam locomotives or traction engines are operating, or have recently been operating, they will be hot – risk of scalds and burns.</p> <p>When operating steam locomotives and traction engines steam, hot ash and cinders can be emitted, which could potentially scald, burn or otherwise injure or cause damage to anyone getting too close – risks of scalds and burns.</p> <p>Steam locomotives and traction engines usually use coal to fire the boiler. These can drop hot embers and or eject sparks and hot cinders – risk of burns or fire.</p>	2	3	6

Risk Control Measures	Residual		
	L	S	RR L x S
<p>Steam locomotives and traction engines must not be left unattended by the operator whilst they are hot enough to cause injury.</p> <p>Operators of steam powered engines are responsible for ensuring that no person gets close enough to get injured.</p> <p>All club members are responsible for warning any person getting close not to touch steam locomotives or traction engines as there is a risk of them receiving burns or scalds.</p> <p>All club members are responsible for ensuring that any glowing embers dropped by a steam locomotive, or traction engine are extinguished immediately.</p> <p>The locomotive or traction engine owner or operator should where possible mitigate the risk by mechanical or other means of sparks and cinders being emitted.</p>	1	3	3

Authorised By – Safety Officer:		Print:	Peter Wilson	Date:	04-01-2024
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