



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Dealing with line-side fires during a gala with dry conditions - Steam Loco

Risk Assessment - Dealing with line-side fires during a gala with dry conditions

Reference No: STE-45793-23

Version No: 1

Assessment Approver: Neil Carr

Additional precautions to be put in place to handle fire risk from loco sparks and falling hot embers when weather conditions are especially dry due to a lack of rain.

Department: Steam Loco
 Date Of Assessment: 16 May 2025
 Review Due Before: 22 May 2028
 Lead Assessor: Tom Willson
 Team: Neil Carr & Kevin Jarvis

Dealing with fires at dry weather steam galas

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Operations	Fire Hot embers or exhaust sparks emitted from the loco	Everyone	<p>1) CRITICAL - Engineering: All locos to have water available to fight fires from slacker pipes, buckets or injector overflow as fitted. - Effective</p> <p>2) CRITICAL - Engineering: Fire Teams to carry appropriate equipment. - Effective</p> <p>3) CRITICAL - Engineering: Loco ash pan sprinklers to be fitted where practicable and to be in good working order. - Effective</p> <p>4) CRITICAL - Engineering: Loco spark arresters to be fitted where practicable and to be in good working order. - Effective</p> <p>5) CRITICAL - Engineering: Loco ash pans and hoppers to be emptied regularly where practicable. - Effective</p> <p>6) Engineering: Locos to carry as much water as practicable and refill as and when convenient. - Effective</p> <p>7) CRITICAL - Administrative: DOO to be informed immediately if the fire cannot be quickly extinguished. - Effective</p> <p>8) CRITICAL - Administrative: DOO to coordinate the movements of the mobile fire fighting teams. - Effective</p> <p>9) CRITICAL - Administrative: DOO to inform Signalmen of any fires in their area that require them to take action or to communicate with footplate crews. - Effective</p> <p>10) CRITICAL - Administrative: No vehicles allowed line-side until authorised by the DOO. - Effective</p> <p>11) CRITICAL - Administrative: The GWSR Rule Book is to be obeyed at all times. - Effective</p> <p>12) CRITICAL - Administrative: Fire Teams to regularly inform the DOO of progress on any fire being tackled.. - Effective</p> <p>13) CRITICAL - Administrative: If the fire is too big to tackle, starts to spread or the Fire team are not confident to tackle it then the Fire Brigade should be called immediately on 999. - Effective</p> <p>14) CRITICAL - Administrative: DOO to keep signallers (and others as required) informed of the current situation. - Effective</p> <p>15) CRITICAL - Administrative: All members of the Fire Team must have a current PTS. - Effective</p> <p>16) CRITICAL - Administrative: Drivers to be instructed to drive in a fashion that minimises the risk of causing a fire. - Effective</p>	4 x Medium - Risk to be minimised and controlled so far as is reasonably practical.	2 = 8	None		4 x Medium - Risk to be minimised and controlled so far as is reasonably practical.	2 = 8	n/a	
Health and Safety	Injury from Fire Lineside Fire	Volunteers & Staff	<p>1) CRITICAL - Elimination: If the fire is getting beyond the control of the people on site then stand clear and phone the emergency services. - Effective</p> <p>2) CRITICAL - Administrative: Stout boots and thick cotton or fire retardant clothing to be worn. No flammable leggings or jackets. - Effective</p> <p>3) CRITICAL - Administrative: Safety briefing to be held before tackling any fire, agree who does what and where. - Effective</p>	3 x Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	1 = 3	None		n	n	n	n/a

COSHH Assessments



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Dealing with line-side fires during a gala with dry conditions - Steam Loco

There are no COSHH assessments associated with this risk assessment.
Ends