Risk Assessment - RRV Lifting Operations

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Assessment Approver: Paul Fuller

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Team:

Working with RRV Plant

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Lineside infrastructure Through collision or crushing.	Everyone	1) CRITICAL - Elimination: Safety brief, lift plan and schedule of works to include site evaluation. Controller to be full control of plant at all times and those involve in lifting ensure they take direction from the Controller only. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Overhead power cables / other services Through collision.	Everyone	1) CRITICAL - Elimination: Safety brief, lift plan and schedule of works to include site evaluation. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Uneven ground, machine tipping Vehicle could be overturned / collide with staff nearby.	Everyone	1) CRITICAL - Elimination: Safety brief, lift plan and schedule of works to include site evaluation. Controller must brief staff in area. Ground staff to remain well clear of machinery in operation. Work on level ground or within Cant limit on Lift Plan. - Effective	1 x 5 = 5 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a
Health and Safety	Injury being struck by plant, plant equipment and load. Through collision or crushing.	Everyone	1) CRITICAL - Elimination: Safety brief, lift plan and schedule of works in place. Controller must brief staff in area. Dedicated plant movements should be fenced-off where possible. - Effective 2) CRITICAL - Elimination: Separate staff walking routes / safe/unsafe areas defined. Ground staff to remain well clear of machinery in operation. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Passing trains Through collision.	Everyone	1) CRITICAL - Elimination: Suitable possession must be in place. If working within five metres of the track, Controller to take steps to mitigate any risk of getting closer than 5m. - Effective	1 x 5 = 5 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a

Working with slings, camloks or chains

Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for RRV Lifting Operations - Permanent Way

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Incorrect use of equipment Incompetence	Volunteers, Staff & Contractors	1) CRITICAL - Elimination: Only competent staff may work with chains and slings - or be closely supervised by someone with experience. - Effective 2) CRITICAL - Elimination: Keep public away from worksite. No persons are allowed to stand or work within lifting appliance-operating radius without the Controller's permission. - Effective 3) CRITICAL - Elimination: All personnel associated with slinging will wear safety helmets, gloves and safety footwear. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Poor planning Not fully aware of equipment being used.	Volunteers, Staff & Contractors	1) CRITICAL - Elimination: Operations will be planned to ensure maximum safety of personnel and property. - Effective 2) CRITICAL - Elimination: Slingers / Signallers / Controllers will be trained in lifting operations and any staff not competent must be shadowed by someone who is. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Damaged chains and slings Through poorly maintained / misused equipment	Volunteers, Staff & Contractors	1) CRITICAL - Elimination: Chains and slings to be inspected before each use for any damage or wear. Equipment must be in date of formal inspection by a competent person. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	None	n n n	n/a
Health and Safety	Weather conditions (wind / heavy rain/snow) Weather conditions	Volunteers, Staff & Contractors	1) CRITICAL - Elimination: Lifting not to be carried out in extreme weather conditions. Wind should be review on the day by the Controller and consider the operation and mitigation. - Effective 2) Engineering: Tag line should be used to control unwarranted movement of suspended load to keep it under control. - Effective	1 x 4 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Reference Documents

• RRV Operators Operations Guide -

Ends