Risk Assessment - Laying of Platform Edging Slabs

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Laying of edging slabs

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Injury caused by work activities whilst laying platform slabs Cuts, bumps, bruises and other such injuries caused predominantly by manual handling	Volunteers & Staff	1) CRITICAL - Engineering: Use suitable access equipment if working at height - Effective 2) CRITICAL - Engineering: Stack and store work materials appropriately so that they can not fall and cause injury - Effective 3) CRITICAL - Engineering: Lift platform slabs using mechanical aids, specialist lorries, hi-abs and fork lift trucks - Effective 4) CRITICAL - Engineering: Use barriers to segregate work areas as required - Effective 5) CRITICAL - Engineering: All lifting equipment to be suitably rated, certified and in ticket. - Effective 6) CRITICAL - Engineering: Wooden blocks to be used as temporary supports for the slabs before final lowering into position - Effective 7) CRITICAL - Administrative: Take account of the direction of the wind to minimise the issue of dusts blowing around - Effective 8) CRITICAL - Administrative: All tools to be checked before work starts to ensure they are fit for purpose. - Effective 9) CRITICAL - Administrative: Take regular rest periods to avoid fatigue - Effective 10) CRITICAL - Administrative: Beware of items becoming dislodged and falling if working at height. Ensure edge protection is provided. - Effective 11) CRITICAL - Administrative: Use best practice lifting techniques and be aware of personal limitations when lifting - Effective 12) CRITICAL - Administrative: Be aware of moving vehicles - Effective 13) CRITICAL - Administrative: Touch lookouts to be used when trains are running and noisy tools are in use to tap a worker on the shoulder who may not be aware of an approaching risk - Effective 14) CRITICAL - Administrative: A safe system of work (possession) should be taken if working on or near the track. - Effective 15) CRITICAL - Administrative: Stand well clear when slabs are being lifted by machines - Effective 16) Administrative: If performing a manual lift, as slabs weigh approx 100Kg, a four man lift should be utilised using suitable poles and strops. - Effective 17) CRITICAL - PPE: Safety footwear and gloves must always be worn - Effective 18) PPE: Eye protection to be worn when dusts are present - Effective 19) CRITICAL - PPE: Hard hats to be worn when using mechanical devices or when slabs are being lifted. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	1) Engineering: Consider damping down the work area to avoid dust clouds - Effective 2) Engineering: It may be necessary to utilise a platform built up from the track level - Effective 3) Administrative: Be aware of others entering the work area and stop work if required - Effective 4) PPE: Wear dust masks if quantities of dust are airborne - Effective 5) PPE: Consider wearing hearing protection if using power tools - Effective 6) PPE: Consider wearing a hard hat if others working above - Effective 7) PPE: Consider wearing anti-vibration gloves if using vibrating tools - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

Score and Control Measure Notes.
Medium risk if control measures are followed and staff are aware of their own limitations.
Risk score remains low.

Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Laying of Platform Edging Slabs - Construction and Maintenance

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Fall from Height Risk of falling from platform edge or into pits	Volunteers & Staff	1) CRITICAL - Engineering: Erect barriers where practical in work areas - Effective 2) CRITICAL - Engineering: Use Scaffolding, platforms or other approved working at height equipment where required - Effective 3) CRITICAL - Engineering: Ensure that all pits and troughs have suitable covers in place and secure - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Engineering: Paint platform edging slabs white as soon as possible after laying - Effective 2) Administrative: Be aware of sloping platform ends - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a

Score and Control Measure Notes.
Medium risk due to potential injury if falling from a platform edge.
Risk score remains the same.

COSHH Assessments

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

Appendix



Reference: UI-44434-225
Positioning slabs with a FLT -