



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

Risk Assessment - Laying of Platform Edging Slabs

Reference No: CON-44447-29

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Department: Construction and Maintenance

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Laying of edging slabs

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	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	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	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.



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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.	6	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.	6	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 -