



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Fishplate Maintenance - Permanent Way

Risk Assessment - Fishplate Maintenance

Reference No: PER-44220-93

Version No: 4

Assessment Approver: Paul Fuller

Department: Permanent Way

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Lead Assessor: Andrew Young

Team: Stephen Clark

Manual Handling

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Slips, trips and falls Working on track / weather conditions / untidy site	Everyone	1) CRITICAL - Elimination: Ensure surfaces are clear on route and the target area is clear. - Effective 2) CRITICAL - Elimination: Consider weather conditions and take care over timber / metal surfaces - Effective	3 x	2 =	6	None	3 x	2 =	6	n/a
				Medium - Risk to be minimised and controlled so far as is reasonably practical.				Medium - Risk to be minimised and controlled so far as is reasonably practical.			
Health and Safety	Injury / Repetitive strain injury Too many people working in area. Load is beyond person's capability.	Everyone	1) CRITICAL - Elimination: Ensure area is clear of people and trip hazards. - Effective 2) CRITICAL - Elimination: Use mechanical means so far as practicable. Ensure sufficient assistance available. Teamwork. Use range of P-Way tolleys and monitor for Musculo-skeletal strain. - Effective	2 x	2 =	4	None	2 x	2 =	4	n/a
				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			
Finance	Damage to equipment From dropping or mishandling material.	Everyone	1) CRITICAL - Elimination: Ensure load is comfortable and within limit of your capabilities. Ensure area is clear. Plan the work in advance. - Effective	2 x	1 =	2	None	2 x	2 =	4	n/a
				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			

Fitting Plates



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Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	Owner/Action
Health and Safety	Impact tools contacting body Operatives being struck by self or others accidentally	Everyone	1) CRITICAL - Elimination: Care should be taken when removing/inserting keys with a keying hammer. - Effective 2) CRITICAL - Elimination: Those using axes and sledge hammers should be fully aware of who is near them; hands must be kept well clear. - Effective 3) CRITICAL - PPE: Gloves should be worn. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	None	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	n/a
Health and Safety	Jacking rail - competency & crushing All staff on site involved or near rail jacking	Everyone	1) CRITICAL - Elimination: Jacking operations should be carefully controlled. The jack must be checked for damage before use. One person must take charge of lifting and jacking (not necessarily the person operating the jack). - Effective 2) CRITICAL - Elimination: Control measures for rail temperature must be considered before and during work as the day wears on and temperatures rise. - Effective 3) CRITICAL - Elimination: All staff must be well clear at the point the rail is dropped. - Effective	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	6	None	2 x 3 = 6 Medium - Risk to be minimised and controlled so far as is reasonably practical.	6	n/a
Health and Safety	Track Lube COSHH	Everyone	1) CRITICAL - Elimination: Follow relevant COSHH reports. Contact with skin can cause irritation and long term exposure can lead to fatal illness. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	None	1 x 4 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	n/a
Health and Safety	Use of small plant Contact with moving parts / fuel spillage	Everyone	1) CRITICAL - Elimination: This operation must be carried out by staff only with the relevant training and ticket. Small plant may include items related to track work e.g. Impact Wrench - Effective 2) CRITICAL - Elimination: Ensure others understand exclusion area. Wear PPE - goggles / trousers, helmet and boots. Evaluate likelihood of encountering debris - especially sharp objects. - Effective 3) CRITICAL - Elimination: Control hearing damage and excessive vibration. Ear protection should be worn with banksman in touch with operative if working within 3m of the line. Neighbours MUST ALWAYS be considered. - Effective 4) CRITICAL - Elimination: Control risk of fire when refuelling - i.e. item has cooled, use of a funnel, splashes avoided and fuel tank/containers secured. Spill-kits. Ensure suitable extinguishers are provided – keep these well away from the item in use. - Effective 5) CRITICAL - Elimination: Ensure clothing, long hair, etc. is clear of moving parts. - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	None	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	4	n/a

Applying lubricant



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Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Contamination clothes / skin / eyes	Everyone	1) CRITICAL - Elimination: Eye protection must be worn - all staff within 10m of spray lance / oil. Wear overalls and wash separately. All staff on site to wear protective gloves and nitrile under-gloves. No skin should be showing on arms or legs. - Effective	2 x	2 =	4	None	2 x	2 =	4	n/a
				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.				Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			

COSHH Assessments

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