



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Workshop - Use of a bench mounted powered circular saw - Global

Risk Assessment - Workshop - Use of a bench mounted powered circular saw

Reference No: GLO-44518-7

Version No: 3

Assessment Approver: Martin Sedgwick

Department: Global

Date Of Assessment: 18 November 2021

Review Due Before: 12 September 2026

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Team: Jim Hitchen & Kevin Jarvis

Use of a bench mounted circular saw

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	Owner/Action
Health and Safety	Personal Injury Multiple causes included contact with moving parts, sharps objects, entanglement, electrical shock etc.	Volunteers & Staff	1) CRITICAL - Elimination: No loose clothes, jewellery, overly long sleeves, ties or gloves will be worn. - Effective 2) CRITICAL - Elimination: Hands must be kept clear of the rotating or moving parts. - Effective 3) CRITICAL - Engineering: A stop switch will be fitted within the reach of the user. - Effective 4) CRITICAL - Engineering: Machine guards must be fitted, clean, functional and used at all times. - Effective 5) CRITICAL - Engineering: Any fitted safety devices such as foot switches or overloads must be fitted and functional. - Effective 6) CRITICAL - Engineering: The machine will be securely fixed to the floor or other stable and unmovable surface. Those machines that are mounted on wheels must be securely fixed whilst in use to stop them from moving. - Effective 7) CRITICAL - Engineering: The cutting blade must be securely fixed, in good condition and guarded. - Effective 8) CRITICAL - Engineering: The machine must be switched off and power isolated and locked out where possible before any maintenance activity takes place. - Effective 9) CRITICAL - Engineering: Rotational speeds must be set appropriately depending on the task to be carried out. - Effective 10) CRITICAL - Engineering: Sufficient space must be available around the machine to prevent any issues with those passing by. - Effective 11) CRITICAL - Engineering: Floor surfaces must be clean and dry so as not to introduce a slip hazard. - Effective 12) Engineering: Push-sticks to be used to avoid hands being anywhere near the cutting blade. - Effective 13) CRITICAL - Administrative: Only competent and authorised staff are to use the equipment. - Effective 14) CRITICAL - Administrative: The equipment will be mechanically and electrically maintained regularly and accurate records of maintenance activity will be kept. All safety features will be tested. - Effective 15) CRITICAL - Administrative: A hair net or cap will be worn by staff with long hair. - Effective 16) CRITICAL - Administrative: The machine must never be left unsupervised if energised. - Effective 17) CRITICAL - Administrative: Only the user and any trainees can be near to the machine when it is in operation. - Effective 18) CRITICAL - Administrative: Only those persons trained and competent can change cutting wheels. - Effective 19) CRITICAL - Administrative: Other equipment or rags etc. must not be kept on the machine or allowed to obstruct the work area. - Effective 20) CRITICAL - PPE: Eye and ear protection, overalls or dust coat and steel toe-capped footwear must be worn. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Engineering: Consider the use of a dust extraction system in situations where large amounts of dust are generated. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.			



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Score and Control Measure Notes. Risk is medium due to potential injury. All control measures must be followed. The risk remains medium.											

COSHH Assessments

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



Appendix

Image not found.

Reference: UI-44518-462
Bench Saw -

Image not found.

Reference: UI-44518-832
Table Saw -