

Risk Assessment - Wood Lathe

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#	Identify Hazards	Risks	Who may be harmed	Severity	Control Measures	Likelihood	Risk Rating
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1	Electricity	Electric shock	User	High	All electrical equipment should be checked for electrical safety prior to use. Equipment must not be used unless they have a PAT test label on. It is the users responsibility to do a visual check of the equipment. If any defects are found (i.e. cracked casing, defect in lead etc) the equipment is not to be used, to be quarantined, safety officer informed, and a defect label attached. Induction covers inspection of equipment before usage	Low	Med
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2	Misuse of equipment	Damage to user or equipment	User, Bystander	High	Members are inducted into the correct use of the equipment and understand associated risks. Members found to be deliberately misusing equipment may have their use of the equipment restricted or revoked altogether.	Low	Med
3	Spindle	Entanglement	User	High	User must not touch the workpiece whilst the lathe is switched on or spinning. Correct usage is covered in the induction.	Med	Med

4	Loose Clothing, Loose Hair, Gloves	Entangleme nt	User	High	User must not wear gloves. User must remove all jewellery. User must tie back hair. User must not wear flowing clothes. Correct attire is covered in the induction	Med	Med
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5	Ejection of workpiece	Crushing Injury, Piercing Injury	User, Bystander	High	User will test the workpiece is in the jaws or on drive centre securely. User will ensure that the centre of the workpiece is accurately marked and used to attach the workpiece. User will test the integrity and suitability of the workpiece for turning before use. Correct setup and testing is covered in the Induction.	Low	Med
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6	Dust	Dust Inhalation	User, Bystander	Low	The lathe should be used with the dust extractor attached and working. Maintenance must include the cleaning of dust from within the lathe housing. A respirator or mask should be used whilst operating this tool for prolonged periods. Keep the door to the woodshop closed to reduce spread of dust to other areas. Setting up the dust extraction, location of PPE, and cleaning is covered in machine induction.	Low	Low
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7	Noise	Hearing Damage	User, Bystander	Low	Ear protection is advised and provided. The door to the woodshop should be closed to reduce noise to others. Location of ear protection is covered in the induction.	Low	Low
8	Flying Wood Chips	Eye Damage	User, Bystander	Low	Eye protection must be worn whilst using the wood lathe. Eye protection must be worn by all users of the workshop whilst the lathe is in use. Location of Eye protection is covered in the Induction.	Low	Low

9	Other Members	Distraction	User, Bystander	High	The "do not enter" light should be used when operating the lathe to avoid accidents being caused by distraction of the user.	Low	Med
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