

# Risk Assessment - Wood Lathe #209

Risk Assessment performed on behalf of Leicester Hackspace Ltd 08833126

This risk assessment is intended to provide guidance on the risk associated with the above equipment and activities in normal use. Please also check general risk assessments for the space as a whole. Any discrepancies, errors or concerns should be raised with the document maintainers or the directors - do not edit this assessment directly. For responsible persons and last update, see below.

## Activity

Use Tyme Avon wood lathe



|                   |               |             |
|-------------------|---------------|-------------|
| Created by        | Signed        | Date        |
| G Loades          |               |             |
| Reviewed By       | Signed        | Date        |
| D Bazarovs        |               | 30/7/26     |
| Director sign-off | Signed        | Date        |
| N Burley          |               | 09/09/26    |
| Date released     | Last reviewed | Next review |
| 09/09/26          | -             | Sep 2027    |

| # | Identify Hazards                   | Risks                            | Who may be harmed | Severity | Control Measures                                                                                                                                                                                                                                                                                                                                                                                                                                         | Likelihood | Risk Rating |
|---|------------------------------------|----------------------------------|-------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
| 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         |
| 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 | Entanglement                     | 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         |
| 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         |
| 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         |
| 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         |