

# Risk Assessment - Planer Thicknesser #216

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 planer thicknesser



|                   |               |             |
|-------------------|---------------|-------------|
| Created by        | Signed        | Date        |
| G Loades          |               |             |
| Reviewed By       | Signed        | Date        |
| D Bazarovs        |               | 30/7/26     |
| Director sign-off | Signed        | Date        |
| N Burley          |               | 10/09/26    |
| Date released     | Last reviewed | Next review |
| 10/09/26          | -             | Sep 27      |

| #  | 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 it has a PAT test label on. It is the user's 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 machine restricted or revoked altogether.                                                                                                                                                                                                                                    | Low        | Med         |
| 3  | Contact with rotary knives         | Laceration Injury            | User              | High     | Do not put hands where they can come into contact with the blades. Do not push workpiece over blade with hands. Use a push block to push workpiece over cutting area. Use guard to cover unused cutting area. Do not insert hands into thicknesser when machine is plugged in. Planer should be turned off immediately after use. Induction covers safe usage of Planer Thicknesser                                                                    | Med        | Med         |
| 4  | Gloves, Loose Clothing, Loose Hair | Drawing in (being pulled in) | User              | High     | User of the machine should not wear gloves, ties, scarves, or loose clothing that could get pulled into the blades. Induction covers correct attire whilst using the equipment.                                                                                                                                                                                                                                                                        | Low        | Med         |
| 5  | Dust, build up of shavings         | Inhalation, Fire             | User, Bystander   | Med      | Dust extraction should be used at all times, the planer will quickly block if with shavings if not used. The planer should be cleaned down on completion of use, this should include inside the machine doors. A respirator or mask should be used whilst operating this tool for prolonged periods. Induction covers location of respirator and cleaning process. Keep the woodshop door shut to reduce dust entering the rest of the space.          | Low        | Low         |
| 6  | Cutting Blade                      | Snatching, Jamming           | User, bystander   | Med      | Only use the planer thicknesser with wood. Do not use with wood less than 380mm in length. Ensure a visual inspection of the machine is undertaken before every use to check for physical obstructions and blade condition. Induction covers correct materials and pre-use inspection process.                                                                                                                                                         | Low        | Low         |
| 7  | Noise                              | Hearing Damage               | User, bystander   | Med      | Ear protection is advised and provided. Induction covers location of ear protection. Keep the woodshop door shut when in use to reduce noise in the general space.                                                                                                                                                                                                                                                                                     | Low        | Low         |
| 8  | Flying Splinters                   | Eye Damage                   | User, bystander   | High     | All members in the workshop must use eye protection whilst the planer thicknesser is in use. Only cut wood, ensuring the workpiece is free from nails, screws or other objects. Induction covers location of eye protection, and inspection of workpiece for disallowed features.                                                                                                                                                                      | Med        | Med         |
| 9  | Manual Handling                    | Back Injury, Dropping        | User              | Med      | The machine must be lifted into a stable position on the working area using correct manual handling procedures. Use PPE appropriate for the task.                                                                                                                                                                                                                                                                                                      | Low        | Low         |
| 10 | Other Members                      | Distraction                  | User, Bystander   | High     | The do not enter light should be used when operating the lathe to avoid accidents being caused by distracting the user.                                                                                                                                                                                                                                                                                                                                | Low        | Med         |