

# Risk Assessment - Table Saw #212

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

<Activity>



|                   |               |             |
|-------------------|---------------|-------------|
| Created by        | Signed        | Date        |
| G Loades          |               | 23/09/26    |
| Reviewed By       | Signed        | Date        |
| D Bazarovs        |               | 23/09/26    |
| Director sign-off | Signed        | Date        |
| Neil Burley       |               | 23/09/26    |
| Date released     | Last reviewed | Next review |
| 23/09/26          | -             | Sep 2027    |

| #  | Identify Hazards                   | Risks                                  | Who maybe 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.<br>Equipment must not be used unless they have a PAT test label on.<br>It is the users responsibility to do a visual check of the equipment.<br>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.<br>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.<br>Members found to be deliberately misusing equipment may have their use of the machine restricted or revoked altogether.                                                                                                                                                                                                                                               | High       | Med         |
| 3  | Cutting Blade                      | Contact with blade                     | User                       | High     | Use guards as per instruction manual.<br>Do not put hands into exclusion zone (within 30cm of blade).<br>Use push sticks and the fence provided when making cuts.<br>Do not move hands past the blade.<br>Do not lean over the blade.<br>Saw should be switched off immediately after use.<br>Saw blade should stop within 10 seconds of being turned off.<br>Induction covers safe usage of the Table Saw                                                           | Low        | Med         |
| 4  | Gloves, Loose Clothing, Loose Hair | Drawing in (being pulled into the saw) | User                       | High     | User should not wear gloves, ties, scarves, or other long flowy clothing that could get pulled into the blade. Long hair should be tied back.<br>Do not put hands into exclusion zone (within 30cm of the blade).<br>Do not lean over the blade.<br>Induction covers correct attire whilst using the Table Saw.                                                                                                                                                      | Low        | Med         |
| 5  | Ejection of Workpiece (Kickback)   | Crushing Injury, Piercing Injury       | User, bystander, the space | High     | Ensure riving knife is in place - it is not to be removed under any circumstances.<br>Do not stand directly behind blade.<br>Use a feather board when working with smaller pieces.<br>Take care to keep the workpiece against the fence when making mitre cuts.<br>Induction covers correct positioning and pushing technique when using                                                                                                                             | Low        | Med         |
| 6  | Dust                               | Inhalation, Fire                       | User, bystander            | Low      | The saw should be used with the dust extractors attached and working.<br>Clean dust from within the saw housing once the machine is finished with and turned off at the supply.<br>A respirator or mask should be used whilst operating this tool for prolonged periods.<br>Keep the wood shop door closed when the saw is in use to prevent dust ingress to the rest of the space.                                                                                  | Low        | Low         |
| 7  | Cutting Blade                      | Snatching, Jamming                     | User, bystander            | Med      | Only cut wood and wood products on the table saw.<br>Ensure a visual inspection of the table saw is undertaken before every use to check for physical obstructions and blade condition.<br>Induction covers correct materials and inspection process.                                                                                                                                                                                                                | Low        | Low         |
| 8  | Noise                              | Hearing Damage                         | User, bystander            | Low      | Ear protection is advised and provided.<br>Induction covers location of hearing protection.<br>Keep the wood shop door closed when the saw is in use to reduce noise entering the rest of the space.                                                                                                                                                                                                                                                                 | Low        | Low         |
| 9  | Flying Splinters                   | Eye Damage                             | User, bystander            | Low      | All members in the woodshop must use eye protection whilst the table saw is in use.<br>Do not cut small pieces.<br>Induction covers location of eye protection                                                                                                                                                                                                                                                                                                       | Low        | Low         |
| 10 | Other Members                      | Distraction                            | User, Bystander            | High     | The do not enter light should be used when operating the Table Saw to avoid accidents caused by distraction of the user.                                                                                                                                                                                                                                                                                                                                             | Low        | Med         |