

Risk Assessment - Router Table #213

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 Router Table



Created by	Signed	Date
G Loades		30/09/26
Reviewed By	Signed	Date
D Bazarovs		30/09/26
Director sign-off	Signed	Date
N Burley		30/09/26
Date released	Last reviewed	Next review
30/09/26	-	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 machine restricted or revoked altogether.	Low	Med
3	Contact with Router Bit	Laceration Injury, Piercing Injury	User	High	Use the fence provided. Only make adjustments to the router table when the machine is switched off. Make sure to follow the correct direction of the work piece against the router bit. Do not put hands into exclusion zone (within 10cm of router). Use push sticks where appropriate. Do not leave router table running when not in use. Switch router table off immediately after use. Induction covers correct usage of the Router Table	Low	Med
4	Gloves, Loose Clothing, Loose Hair	Drawing in (being pulled into the router)	User	High	User of the router table should not wear gloves, ties, scarves, or other long flowy clothing that could get pulled into the router bit. Tie back long hair if necessary. Induction covers correct attire whilst using the Router Table.	Low	Med
5	Dust	Inhalation Fire	User, Bystander	Med	Maintenance must include the cleaning of dust from within the router housing after each use. A respirator or mask should be used whilst operating this tool. Keep the wood shop door closed during use to reduce dust entering the rest of the space. Induction covers location of respirator and cleaning process.	Low	Low
6	Router Bit	Snatching, Jamming	User, Bystander	High	Only rout wood or wood products on the router table. Ensure a visual inspection of the router table is undertaken before every use to check for any physical obstructions and blade condition. Induction covers permitted materials and the correct pre-use inspection process.	Low	Med
7	Ejection of workpiece (Kickback)	Crushing Injury, Piercing Injury	User, Bystander	High	Do not stand in the path of moving material. Ensure there is good pressure of the workpiece against the fence. Avoid routing pieces that are difficult to move/hold. Induction covers correct positioning and pushing technique when using the table router	Low	Med
8	Other Members	Distraction	User, Bystander	High	The do not enter light should be used when operating the Router table to avoid accidents being caused by distraction of the user.	Low	Med
9	Noise	Damage to hearing	User, bystander	High	Wear the provided hearing protection when using the machine or when nearby while the machine is in use. Keep the wood shop door closed when using the router to reduce noise entering the rest of the space.	Low	Med