

Risk Assessment - Heat Press #301

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

Using the Heat Press



Created by	Signed	Date
S Hopkins		30/09/26
Reviewed By	Signed	Date
Director sign-off	Signed	Date
Neil 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	Heated platen (up to 200°C+)	Burns on contact with heated platen	User, bystander	High	Operator training, warning labels, controlled operating area. Heat-resistant gloves available. Avoid reaching between platens. Open the press fully when changing items. Allow cooling before maintenance. Remain with the machine until it has cooled down. Burns kit provided in the kitchen area. Induction covers safe usage	Med	Med
4	Opening and closing machine	Crushing/pinch Injury	User	Med	Keep hands clear before activation. Regularly inspect hinges, pressure mechanisms, and guards Induction covers safe usage	Low	Med
5	High Temperature: Overheating or thermal Runaway	Fire	User, bystander	High	Temperature controls fitted. Check displayed temperatures are as expected. Machine must be attended for the duration of the activity: heating up, in use and cooling down. Do not leave materials on the platen when press is not being used. Keep combustible materials away. Fire extinguisher provided opposite laser Fire blanket is next to the laser. Induction covers staying nearby and location of fire extinguishers	Low	Med
6	Fumes from heated materials, adhesives, vinyls, or transfers	Fume inhalation	User, Bystander	Med	Make sure the area is well ventilated. If other space users complain of breathing difficulties, stop using the equipment.	Low	Med
7	Hot materials immediately after pressing	Burn Injury	User	Med	Use heat-resistant gloves where necessary. Burns kit is available in the kitchen area. Induction covers handling of hot materials	Low	Low
8	Manual handling of garments, platens, or materials	Back injury from carry weight	User	Med	Safe lifting techniques. Use team lifting for heavy components.	Low	Low
9	Slips, trips, and falls around workstation	Fall injury, contact with hot machine	User	Low	Good housekeeping standards. Keep cables managed and work area clear. Induction covers ensuring safe working area.	Low	Low