

Risk assessments are a frequent requirement for events and for insurance purposes - when you complete a risk assessment, please use this data, or update it if needed (if there is a new piece of equipment for example).

Events Risk Assessments

Here are some example risk assessments done for items within the hackspace. These could be useful for Maker events, public events, or even when hiring out equipment.

Item	People Involved	Type of Hazard	Existing Risk-control measures
Project a Sketch	Members of the public	- Trip Hazard on legs, they stick out about 30cm from body of exhibit - Low Voltage Electrical	+
HAC:Mannequin	Members of the public	- The feet are painted red, which should be noticeable. - Items and Mains PSU PAT Testing Required	+
Robot Torso	Members of the public	- Doesn't have sensors to detect people in the way, so could bump into people. - Low Voltage Electrical Items and Mains PSU	+
Model Railway	Members of the public	- We will set up an 'exclusion zone', or if not possible only power hand part. - PAT Testing Required	+
Giant MIDI Monome	Members of the public	- Large Item - Low Voltage Electrical Items and Mains PSU	+
Card Crafting	Members of HacMan	- Will ensure is on stable base - PAT Testing Required	+
Craft knife blades and glue	Members have been trained in use, no members of the public are to take part in this activity.		
LED Sign	Members of the public	- Mains Powered - PAT Testing Required	+
Misc low Voltage Games and items	Members of the public	- Some powered via low voltage PSU - PAT Testing Required where appropriate	+
Short Throw Projector	None	- Mains powered - PAT Testing Required	+
Giant Trackball	Members of the public	- Low voltage wiring - Bowling ball	+
Bugzilla	Members of the public	- Low voltage wiring will be protected, but is unlikely to cause harm regardless - We will ensure the giant mouse is attended at all times and will not allow members of the public to remove the ball from it's stand as they might drop it. - Parts can come loose if lifted or moved - Ends of the legs can be sharp - Members of the public will be prevented from lifting or moving the Mama Bug - The bottom of the feet are inaccessible if resting on a flat surface, and not lifted up	+
Mini Bugs	Members of the public	Small parts, with some vaguely sharp edges	+
Big Gear Clock	Members of the public	- Large item that can be unsteady - Interaction takes the form of 'tweeting', meaning there needs be no physical interaction between the members of the public and the clock. Since this is the case, we can move the clock behind the table, or into a safer position, minimising the risk to the	+

public +	Amazeballs	Other hackspaces
Large item, with moving parts	Mains powered	
Members of the public will not be interacting with the sculpture, and as such, can be kept a safe distance away	PAT Testing Required	

Completed Risk Assessments

20/07/2015 [Manchester MakeFest 2015 Risk Assessment](#)

Equipment Risk Assessments

Equipment risk assessments can be found on the pages for each piece of equipment, and are linked to below.

[MendelMax 3D Printer](#)

[Mendel90 3D Printer](#)

[Laser Cutter \(Blue\)](#)

[OrangeLaser](#)

[Bandsaw](#)

[Myford ML7 Lathe](#)

[Bench Sander](#)

[Bench Grinder](#)

Risk Assessments To-Do

[Pillar Drills](#)

[Table Saw](#)

[Chop Saw](#)

[Scroll Saw](#)

[MIG Welder](#)

[Arc Welder](#)

[Etch Tank](#)

[Sewing Machines](#)

Soldering Irons

Solder Station

Jigsaw

Power Planer

Thickneser

Nailguns (air powered)

Nibbler (air powered)

Spot blaster (air powered)

Spray painter (air powered)

Power drills

Hand-held electric sander

Dremel

Router

[Category:Risk Assessments](#)

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