

Risk Assessment Summary Report/Print (landscape)



Reference	2042	Description of Space or Activity/Task or Equipment	Use of vacuum annealer for annealing Diamond Samples						
Assessment Date	28/09/2022	Publish To Portal	No						
Assessor Name	Ben Breeze	Risk Assessment Title	Vacuum annealer 01.005.L01.062 Millburn House F55 Probe construction area						
Assessment Team Members	Colin Stephens	Review Date	06/09/2025						
Role / Space / Project Reference		Current Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)	2						
Department	Use the search function above or double click here for org chart -> Academic Faculties -> Faculty of Science, Engineering and Medicine -> Research Technology Platforms - RTPs -> Spectroscopy Research Technology Platform - RTP	Final Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)	2						
Location Details	01.005.L01.062 Millburn House F55 Probe construction area	Risk Assessment Number	0						
Risk Assessment Category	Equipment	Additional Information	Upto Date traingin records are kept in the Safet folder at the entrance to F55.						
Date Record Created	28/09/2022								
Hazard Type & Hazard Description	Who may be at Risk? & How May Person(s) Be Harmed	Existing Control Measures	L	S	R	Where current risk is M, H or VH, what additional Control Measures are required?	L	S	R
Work Environment vacuum Potential implosions	Laboratory Worker Staff Student cuts bruises potentially to eyes	Admin - Good levels of housekeeping maintained with clean as you go policy in place. Admin - Information, instruction, supervision & training. Admin - Safe System of Work (SSoW) established and trained out. Eng - relaese valves in place in casse of over pressure. Admin - Regular safety checks	Major	Unlikely	Low		Major	Unlikely	Low

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<p>Work Environment Temperature (too hot or cold). high heat</p>	<p>Laboratory Worker Staff Student Burns</p>	<p>Admin - Good levels of housekeeping maintained with clean as you go policy in place. Admin - Information, instruction, supervision & training. Admin - Safe System of Work (SSoW) established and trained out. Admin - Signage used to raise awareness. Admin - Specific risk assessment/survey completed. PPE - Personal Protective Equipment (PPE) or suitable clothing is issued and worn (no loose clothing, no flammable clothing, Heat resistant gloves.</p>	<p>Serious</p>	<p>Possible</p>	<p>Low</p>		<p>Serious</p>	<p>Possible</p>	<p>Low</p>
<p>Electricity Contact with live electrics.</p>	<p>Laboratory Worker Staff Student Electrocution Burns Death</p>	<p>Eng - Cables and leads are appropriately insulated. Eng - Electrical cabinets are secured. Eng - Electrical equipment is suitably fused and earthed. Eng/Admin - Access is restricted to authorised personnel. Admin - Information, instruction, supervision & training. Admin - Portable Appliance Testing (PAT) conducted as per regime. Admin - Safe System of Work (SSoW) established and trained out. Admin - Specific risk assessment/survey completed.</p>	<p>Major</p>	<p>Unlikely</p>	<p>Low</p>		<p>Major</p>	<p>Unlikely</p>	<p>Low</p>

Assessment Conclusion This is a new piece of equipment and as such will have evolving risks and as such we will review more regularly than exist equipment . It is anticipated this equipment will be added to the physics Pressurised equipment service schedule.