

# Risk Assessment Summary Report/Print (landscape)



<b>Reference</b>	2489	<b>Description of Space or Activity/Task or Equipment</b>	General use wet lab with hydraulic pellet press, dry cabinets, fumehoods and mixing mill.						
<b>Assessment Date</b>	26/05/2023	<b>Publish To Portal</b>	Yes						
<b>Assessor Name</b>	Daniel Mayoh	<b>Risk Assessment Title</b>	General Risk Assessment for P155						
<b>Assessment Team Members</b>		<b>Review Date</b>	12/06/2025						
<b>Role / Space / Project Reference</b>		<b>Current Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)</b>	2						
<b>Department</b>	Use the search function above or double click here for org chart -> Academic Faculties -> Faculty of Science, Engineering and Medicine -> Physics	<b>Final Risk Level (1=Very Low, 2=Low, 3=Moderate, 4=High, 5=Very High)</b>	2						
<b>Location Details</b>	01-042-000-023 P155, ground floor Physics Department	<b>Not in use</b>	0						
<b>Risk Assessment Category</b>	Space	<b>Additional Information</b>	<p>This risk assessment will contain the risk assessment for the equipment used in the lab.</p> <p>The following training modules should be completed before access to the lab is allowed: Chemical Handling and Fume Cupboards (LEV).</p> <p>The following equipment requires training (which can be given by the PI or Lab owner) before use: hydraulic pellet press and mixing mill.</p> <p>This risk assessment, lab rules and emergency procedures are required to be read before access to the lab is granted.</p>						
<b>Date Record Created</b>	26/05/2023								
<b>Hazard Type &amp; Hazard Description</b>	<b>Who may be at Risk? &amp; How May Person(s) Be Harmed</b>	<b>Existing Control Measures</b>	<b>L</b>	<b>S</b>	<b>R</b>	<b>Where current risk is M, H or VH, what additional Control Measures are required?</b>	<b>L</b>	<b>S</b>	<b>R</b>
Equipment/Plant Milling machine use	User of equipment Crushing or trapping of fingers in mechanism.	Systems are properly maintained. Protective guard is in place when in use. Users receive appropriate training.	Minor	Unlikely	Very Low		Minor	Unlikely	Very Low

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Substances Chemical handling and Storage, may cause injury.	Users of space Space users may be exposed to dangerous chemicals. Refer to SDS and COSHH assessment for details	Chemicals in storage are inventory managed. Users of chemical have read appropriate risk assessments and COSHH. Chemical are disposed of properly.	Serious	Possible	Low		Serious	Possible	Low
Work Environment Drying cabinets, may cause burns.	User of equipment May cause burns.	Lab user are made aware of possible burn risk.	Superficial	Unlikely	Very Low		Superficial	Unlikely	Very Low
Equipment/Plant Damaged or misused hydraulic press or die. Brittle materials under compression. Fine powders	User of equipment. Other users or equipment in room P1.55. Component failure at high load. Impact by broken perspex or metal components. Inhalation / Ingestion of fine powder from precursors	carry out training. Do not tamper with or attempt to modify apparatus. Do not use untested, damaged, or unapproved components. Wear PPE (safety glasses, lab coat.) Inspect all parts of the die before and after use. Close hydraulic press door during pressing. Wear face mask. Tidy up any spills. Do not tamper with, modify, attempt to use, or move, any of the other apparatus in the room. Be aware of potential hazards. Do not block walkways or use press if the area is not clear, and clean. No bags, coats, or other personal belongings allowed in the lab.	Minor	Unlikely	Very Low		Minor	Unlikely	Very Low
Equipment/Plant Fumehoods. If inadequate ventilation then danger to being exposed to chemical vapours and dusts.	Users of space and anyone working on connected LEV system. Risk of exposure to dangerous chemicals.	Systems are properly maintained. Users receive appropriate training	Minor	Possible	Low		Minor	Possible	Low
Equipment/Plant Hot plates, may cause burns and fires.	User of hotplate. User of hotplate. Risk of fire which could endanger building.	User is properly trained. Hot plates are not left unsupervised.	Superficial	Unlikely	Very Low		Superficial	Unlikely	Very Low
<b>Assessment Conclusion</b>	All control measures are adequate precautions to mitigate the risk associated with activities in the room.								