

Risk Assessment Summary Report/Print (landscape)



Reference	3499	Description of Space or Activity/Task or Equipment	Use of the Leica DMI4000 B Fluorescence microscope Located in Millburn House G31
Assessment Date	06/09/2024	Publish To Portal	No
Assessor Name	Ben Breeze	Risk Assessment Title	Leica DMI4000 B Fluorescence microscope
Assessment Team Members		Review Date	No Review Set
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	01.005.000.031 Millburn House Ground Floor G31 Optical Microscope Room	Risk Assessment Number	0
Risk Assessment Category	Equipment	Additional Information	Users are responsible for having performed a risk assessment for their samples which must be logged at: https://warwick.ac.uk/research/rtp/spectroscopy/Safety/Sample When booking all users will provide a reference to the risk assessment for the sample used. All Users must complete training course before operating the microscope Bookings are restricted to trained users. All users will require retraining if they have not operated the system for 18 months.
Date Record Created	06/09/2024		

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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
Equipment/Plant Contact with rotating mechanical parts (Friction). Contact with mechanical pinch or nip points.	Laboratory Worker Staff Student Cuts bruises	Admin - Safe System of Work (SSoW) established and trained out. Admin - Specific training provided to equipment operators. Eng- Loos hair to be tied back Eng - Loose clothing avoided	Minor	Unlikely	Very Low		Minor	Unlikely	Very Low
Equipment/Plant Broken glassware	Laboratory Worker Staff Student cuts	Admin - Glassware to be disposed of in the correct waste stream Admin - Specific training provided for uses PPE - Personal Protective Equipment (PPE) is issued and worn (specify).	Minor	Possible	Low		Minor	Possible	Low
NIR Artificial Optical Radiation - Infra red Potential exposure to Non-ionising radiation (Infrared - heat/cataracts)	Laboratory Worker Staff Student Light affecting eye	Elim - Light is kept at a low power and is highly divergent. Admin - Specific training provided for uses	Serious	Unlikely	Low		Serious	Unlikely	Low
Electricity Contact with live electrics.	Laboratory Worker Staff Student Electric Shock / Burns	Electric Burns Shocks	Major	Unlikely	Low		Major	Unlikely	Low
Assessment Conclusion	Very Safe Instrument								