

**SAFETY INFORMATION**

<b>NAME OF THE TASK/ACTIVITY</b>	<b>BRUKER FT-IR MICROSCOPE</b>	<b>DATE: 14/02/2020</b>
<b>LOCATION</b>	ADELAIDE MICROSCOPY, GEORGE ROGERS LABORATORY, HELEN MAYO NORTH, NB16	Insert photo (Optional)
<b>Residual risk rating on the RA</b>	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Very High	
<b>Hazards identified on the RA</b>	Contact with electricity or potential for electric shock.	

**This Safety information should be provided to new users for them to read before undertaking and tasks/activities on the microscope.**

**Pre-operational checks**

YOU MUST NOT USE THIS MACHINE UNTIL YOU HAVE HAD APPROPRIATE TRAINING BY TRAINED ADELAIDE MICROSCOPY STAFF. Unauthorised use may result in damage to the instrument.

**Operational checks/steps to complete the activity from start to finish (including transport and waste disposal where relevant)**

The Bruker FT-IR Microscope is an optical microscope with an Infra-Red source present to illuminate specimens.

- The only user operable parts on the Bruker microscope are the specimen stage with focus knobs, objective lens rotator, aperture system, and the computer system (mouse and keyboard).
- There is no risk involved in the operation of any of these parts. However, there is potential for electric shock if a user were to remove panels from the back of the microscope, also potentially resulting in damage to the instrument.
- **All new users must have a practical demonstration of the operation of the machine from a member of Adelaide Microscopy staff.**
- **Users should operate the instrument in accordance with the manufacturer supplied operating instructions to avoid damage to the instrument.**
- **The user operable parts are all accessible from the operator's console; users of the instrument should not attempt to remove any fixture or panel from the microscope.**
- **Users should not access the rear of the instrument.**
- The safe handling of general laboratory items is detailed in the Adelaide Microscopy laboratory general safety procedures.
- Low stocks of consumable items (gloves, paper towel etc.) should be reported to a member of AM staff.


**On completion of work – steps to make safe (including clean up, any waste disposal & service/maintenance requirements)**

Remove all samples from the instrument and the laboratory after imaging.

**Emergency and Spill Procedures, Transport or storage requirements (where relevant), First aid/Medical**

In the event of an injury, please advise an Adelaide Microscopy staff member and first aid officer for treatment and the local HSW representative to report the incident.

**Prepared by**

People involved in the drafting of this Safety Information	Aoife McFadden		
Person authorising the Safety Information	Name:	Angus Netting	Signature
			
	Position:	Director, Adelaide Microscopy	

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