

Building Details

Building Name: The Braggs Level 5 – East Building No: NT 20	Date of Inspection: 26/07/2023	Inherent Risk <div style="background-color: green; color: white; text-align: center; padding: 5px;">Medium</div>
	Entry Requirements: On reaching level 4 stairwell phone security - 83135990	

Roof Access Details

No access to the roof space while roof laser operations are in progress.
 Call: David Ottaway 0430 325 099 or Peter Veitch 0422 906 827 for clearance prior to accessing this roof.

- Right of Access Permit is only for visual inspection and a different permit is required before commencing any work on the roof.
- Handrails and parapets are not a fall arrest system unless part of a submitted SWMS.
- If using a harness attached to an anchor point/static line all workers must have current Working at Heights training and anchor points/static lines must have been certified in the last 12 months.
- If accessing roof externally a lock out/tag out procedure has been implemented for Fume Cupboards

Take public lift to level 4, on exiting lift turn left, you should be facing door 410. Turn right and approximately 10 metres on your left you will see a Fire Safety Door. Then climb stairwell to level 5, you will come to a locked door. Phone security on 83135990 who will release the door (do not hang up). Turn right and once you have reached the roof access door, security will release the door.



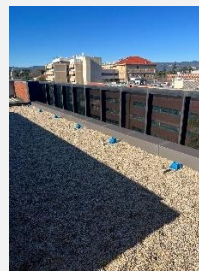
Roof access door



Parapet



Plant



Anchor Points

No access to areas without walkways unless a safe system of work is in place to ensure the risk of a fall has been minimised (2012 SA WHS Regulations Part 4), this could include using industrial fall arrest harness attached to the static lines or anchor points if available.

Roof Details

Roof Material: Cement Pavers and gravel	No. of Roofs on Building: Two (2)
Pitch: < 15° x Flat	Roof Height (m): 5 Levels
Gutter Details: External Gutter X	Fragile Panels / areas: Nil
Access: Walkways X Cement Paving	Parapet Details (height, construction): Metal frame glazed
Description of Roof Plant: Exhaust fan Access Hatch	Number: 2 1
Other Details: Anchors points (numerous) A range of hazardous chemicals may be exhausted from the fume cupboard stacks from the Western roof.	

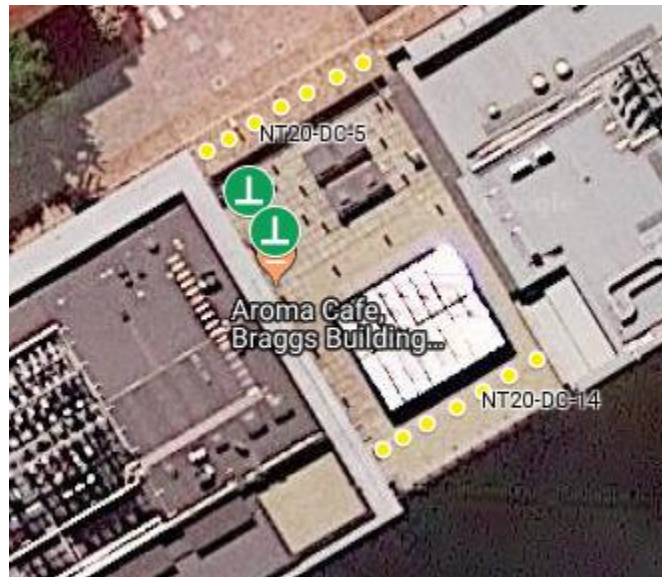
RISK ASSESSMENT

Hazards	Hazard	Risk Indicator once Controls in place	Control
	Airbourne hazardous chemicals (Venting or Flumes)	Rare x Major Medium	Check with Building Owner and/or Laboratory Manager and undertake a risk assessment. Contact FM for details
	Unprotected roof edges – Fall hazard	Rare x Severe Medium	No access to roofs without a permit to work and a documented safe system of work.
	Laser	Rare x Severe Medium	Access only when laser is not operating.
	Slips and trips	Rare x Moderate Low	Wear safety boots and long trousers.
	Working alone	Slight x Major High	A system to ensure lone worker's welfare needs to be in place.
	Weather – Heat, rain, strong winds – Heat exhaustion, dehydration, sunburn, colds, fall hazard	Rare x Minor Low	Do not commence works in extreme weather conditions which will adversely affect workers.
Other Information	<ol style="list-style-type: none"> The method of access to rooftop shall depend on the specific job task being undertaken and risk assessment completed prior to commencement of work and included in Job Safety Analysis (JSA) or Safe Work Method Statement (SWMS) or Safe Work Procedure (SWP) and Safe Work Instruction (SWI); Access and work on roof top when weather is clear, dry and no high winds; Footwear must be toe steel capped and comply with AS/NZS 2210 for type 1 safety footwear; Sun protection policy and procedure is in place when working outdoors; Tools to be carried in tool belt; and Plant and equipment must be well maintained and serviced regularly. 		
Instructions	<ol style="list-style-type: none"> Undertake roof access in accordance with the University of Adelaide Infrastructure Management Sub-System Roof Access Permit to be obtained prior to roof access; Venting or Fumes - airborne hazardous chemicals: check with Building Owner, Laboratory Manager and/or the Maintenance Service Centre and undertake a risk assessment; Ensure that tools are secured on their person or a safe work method for bringing tools to and from the task has been determined prior to commencement of job; and Do not carry out any tasks within on an unguarded roof edge or fall hazard, unless a safe system of work is in place to ensure the risk of a fall has been minimised. 		

LIKELIHOOD TABLE	
Category	Description
Almost certain	There is an expectation that an event/incident will occur.
Likely	There is an expectation that an event/incident could occur but not certain to occur.
Slight	This expectation lies somewhere in the midpoint between "could" and "improbable"
Unlikely	There is an expectation that an event/incident is doubtful or improbable to occur
Rare	there is no expectation that the event/incident will occur

CONSEQUENCES TABLE	
Category	Description
Severe	Injury resulting in death, permanent incapacity
Major	Injury requiring extensive medical treatment, hospitalisation, or activities could result in a Notifiable
Moderate	Injury requires formal medical treatment (hospital outpatient/doctors visit etc), activities could result in
Minor	Injury requires first aid
Negligible	Injury requires minor first aid (e.g. band aid), or result in short term discomfort (e.g. bruise, headache).

RISK RATING					
Likelihood	Consequences				
	Negligible	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	Very High	Very High	Very High
Likely	Medium	Medium	High	Very High	Very High
Slight	Low	Medium	High	High	Very High
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium



Anchors and davit cups