

Building Details

Building Name: Ligertwood Building No: NT 26	Date of Inspection: 21/07/2023	Risk
	Keys required: Roof and Plant room access	Medium

Roof Access Details

- Right of Access Permit is only for visual inspection and a different permit is required before commencing any work on the roof.
- 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.
- Parapets are not a fall arrest system unless part of a submitted SWMS.

Level 5 Roof

To access level 5 roof, enter stairwell open cleaners' door (502a) and climb metal steps. Exit through door.



Door 502a



Platform and walkway

Main Roof

To access main roof, enter stairwell (level 5), go through entrance door to male toilets, on the right hand side will be door number 601. Open door, climb stairs, turn right at end of stairs and follow the wall until you reach the metal louvre door.



Door 601



Staircase



Metal louvre door

No access to areas without walkways/platforms 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: Iron	No. of Roofs on Building: Two (2) – One main roof and one side roof
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Pitch: Near flat <15°	Roof Height (m): Five storeys high
Gutter Details: Box Gutter X External Gutter X	Fragile Panels / areas: 2 Skylights
Walkways X - Level 5 Anchor Points X – Level 5 & Main Roof Other:	Parapet Details (height, construction): Parapet of various heights – Level 5
Description of Roof Plant: Air conditioners Skylights Venting pipes	Number: Various Various
Other Details:	

Risk Assessment

	Hazard	Risk Indicator once Controls in place	Control
Hazards	Unprotected roof edges and height of roofs – Fall hazard	Rare x Severe Medium	No access to roof unless under a work permit and a safe system of work for prevention of falls is implemented
	Access/Egress via window – muscle strain.	Rare x moderate Low	Do not rush and take time to access and egress via window.
	Walking on level 5 roof –Slips, trips and collision with plant	Rare x Minor Low	Take care when traversing. Walk and do not run. Wear protective footwear (refer below). Implement a safe system of work for prevention of falls prior to commencing works.
	Weather – Heat, rain, strong winds – Heat exhaustion, dehydration, sunburn, colds, fall hazard	Rare x moderate Low	Do not commence works in extreme weather conditions which will adversely affect workers.
	Working alone	Slight x Major High	A system to ensure lone worker’s welfare, needs to be in place.
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; 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

CONSEQUENCES TABLE	
Category	Description

Infrastructure Management Sub-System

Roof Inspection Check

Almost certain	There is an expectation that an event/incident will occur.	Severe	Injury resulting in death, permanent incapacity
Likely	There is an expectation that an event/incident could occur but not certain to occur.	Major	Injury requiring extensive medical treatment, hospitalisation, or activities could result in a Notifiable
Slight	This expectation lies somewhere in the midpoint between "could" and "improbable"	Moderate	Injury requires formal medical treatment (hospital outpatient/doctors visit etc). activities could result in
Unlikely	There is an expectation that an event/incident is doubtful or improbable to occur	Minor	Injury requires first aid
Rare	there is no expectation that the event/incident will occur	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

Location of anchors.

Green - Purlin Mount Fall arrest anchor. x 8

Blue - Purlin Mount Abseil anchor. x 26

Yellow -Surface Mount Fall Arrest anchor. x 6

