

Building Details

Building Name: Hughes Building No: NT17	Date of Inspection: 20/07/2023	Risk
	Keys required: Plant room & Roof 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.
- Parapets and handrails 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.

To access plant on level 7, enter via room number 713 (office)

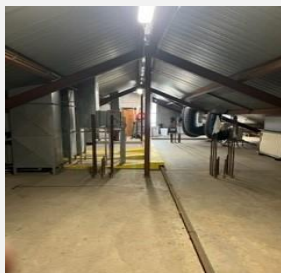


Ladder access to level 7 walkway



Walkway outside level 7

To access plant on level 9, use stairs to door 902 (Plant Room). Enter Plant Room and roof hatch/s are located directly to left and right of doorway approximately 60cm from floor. Static line directly adjacent platform.



Plant Room



Hatch and static line



Platform and railing outside hatch

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: Three (3) : Eastern end – Saw tooth Western end - Main roof and Lift shaft
Pitch: 15° to 30 X	Roof Height (m): Over 9m

Roof Inspection Check

Gutter Details: External Gutter X	Fragile Panels / areas: Nil
Access: Walkways X Platforms X Static Lines X	Parapet Details (height, construction): Small brick parapet on eastern and western sides of main roof. Unprotected edges on northern and southern sides.
Description of Roof Plant: On level 9 most plant is located within roof space. On level 7 – Air conditioner condenser units	Number: Numerous
Other Details: Range of ventilation and extraction units on plant platforms Floodlights	

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
	Walking on roof – Slip and fall hazard	Rare x Minor Low	Take care when traversing. Walk and do not run. Wear protective footwear (refer below).
	Low headroom accessing hatches in roof space – Bruise, concussion hazard	Rare x Minor Low	Prior to accessing hatches, conduct visual inspection and move cautiously. Take care to not hit your head. Establish safe system of work for prevention of collision and/or bruising.
	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. Wear a hat in open sun.
	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
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

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 occurrence.
Moderate	Injury requires formal medical treatment (hospital outpatient/doctors visit etc), activities could result in an Improvement Notice.
Minor	Injury requires first aid

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Roof Inspection Check

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, muscular aches, etc)		
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

Fall Equipment Systems

