

Infrastructure HSW Management Sub-System

Roof Inspection Check

Building Details

Building Name: Oliphant Building No: NT 36	Date of Inspection 7/07/2023	Risk
	Keys Required: 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.
- Handrails are not a fall arrest system unless part of a submitted SWMS.

There is internal access to the main roof area from Level 5. Take stairs to locked roof doors.



Access Door



Plant



Roof walkways



Light on roof

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: Iron	No. of Roofs on Building: Main roof is divided into 4 sections plus a stairwell roof
Pitch: < 15° <input checked="" type="checkbox"/> near flat 15° to 30 <input type="checkbox"/> > 30° <input type="checkbox"/>	Roof Height (m): Main – 6 storeys high
Gutter Details: Box Gutter <input type="checkbox"/> External Gutter <input checked="" type="checkbox"/>	Fragile Panels / areas: N/A
Access: Walkways <input checked="" type="checkbox"/> Main roof Platforms <input type="checkbox"/> Fixed Ladders <input type="checkbox"/>	Parapet Details (height, construction): Main roof protected by railing on all edges. Stairwell roof unprotected on all sides (no access).
Description of Roof Plant: Air conditioners Spot/flood lights Ventilation ducts Experimental equipment Skylight	Number: Numerous 6 Various Various 1
Other Details:	

Risk Assessment

Hazards	Hazard	Risk Indicator once Controls in place	Control
Hazards	Unprotected roof edges and height of roofs – Fall hazard	Rare x Severe Medium	Railing along the entire perimeter. No access to stair well roof.
	Falling Objects	Rare x Severe Medium	Tool lanyards. Do not lean over edge will lose objects in pockets.
	Walking on roof – Fall and slip hazard	Rare x Moderate 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 Minor 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		CONSEQUENCES TABLE			
Category	Description	Category	Description		
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 occurrence.		
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 an Improvement Notice.		
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, 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

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Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium