

### Building Details

<b>Building Name:</b> Equine Health Centre <b>Building No:</b> RW172	<b>Date of Inspection:</b> 10/08/2023	<b>Inherent Risk</b>
	<b>Keys required:</b> Plant Room	<b>Medium</b>

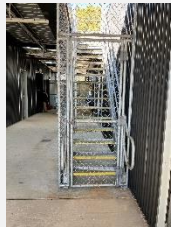
### Roof Access Details

- Right of Access Permit is only for visual inspection and a different permit is required before commencing any work on the roof.
- Handrails 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.

The Equine Health Centre has two main sections (administration and surgery), separated by a breezeway. Before accessing the roof or roof space of either section, you **must** report to reception. This is because horses may be in open area.

#### Administration section

There is external walkway access to the roof via the caged western stairwell in the breezeway. A plant key is required to enter this area.



Stairwell



Roof plant

#### Surgery section

Walk to far western side or back section of the building, walk up staircase and open locked door (plant key required). A light is on the right-hand side. Turn left and on your right, you will see a roof hatch. Pull roof hatch down which has an inbuilt ladder, climb ladder and open hatch.



Staircase



Hatch



Hatch ladder



Solar panels

**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 Space (Plant room)

There is internal access on the far western side of the Equine Health Centre. Walk to far western side of the back section of the building, walk up staircase and open locked door (plant key required). A light is on the right-hand side.



Staircase



Plant Room

<b>Warning</b>	This process is uncontrolled when printed. The current version is available on the I&TS Website.	<b>Effective</b>	August 2023	<b>Version:</b>	1.0
<b>Authorised</b>	Director, Capital Projects & Facilities Management   Infrastructure Branch   Division of University	<b>Review</b>	August 2026	<b>Page: 1 of 3</b>	
<b>Filepath</b>	S:\Services_Resources\Infrastructure\Shared\HSW01. Hazard Management01 Roof Access01 Risk Assessments\Roseworthy\2023\Equine-Large Animal				

Roof Details	
<b>Roof Material:</b> Iron	<b>No. of Roofs on Building:</b> 2
<b>Pitch:</b> Flat	<b>Roof Height (m):</b> Approximately 8 metres
<b>Gutter Details:</b> External Gutter           X Box Gutter                 X	<b>Fragile Panels / areas:</b> Nil
<b>Access:</b> Walkways                 X Hatch                     X Fixed Ladders           X	<b>Parapet Details (height, construction):</b> Various heights
<b>Description of Roof Plant:</b> Solar panel banks Air conditioners TV antenna	
<b>Other Details:</b> Anchor points – rear section	

**RISK ASSESSMENT**

	Hazard	Risk Indicator once Controls in place	Control
<b>Hazards</b>	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).
	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.
<b>Other Information</b>	<ol style="list-style-type: none"> <li>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);</li> <li>Access and work on roof top when weather is clear, dry and when winds do not create added risk;</li> <li>Footwear must comply with AS/NZS 2210 and appropriate to job task being undertaken;</li> <li>Sun protection policy and procedure is in place when working outdoors;</li> <li>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</li> <li>Tools to be restrained to prevent falling.</li> </ol>		
<b>Instructions</b>	<ol style="list-style-type: none"> <li>Undertake roof access in accordance with the University of Adelaide Infrastructure Management Sub-System</li> <li>Roof Access Permit to be obtained prior to roof access;</li> <li>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</li> <li>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.</li> </ol>		

LIKELIHOOD TABLE	
Category	Description
Almost certain	There is an expectation that an event/incident will occur.

CONSEQUENCES TABLE	
Category	Description
Severe	Injury resulting in death, permanent incapacity

# Infrastructure HSW Management Sub-System



## Roof Inspection Check

Likely	There is an expectation that an event/incident <b>could occur</b> 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 <b>improbable</b> 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
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium