

# Roof Safety Survey

## GENERAL INFORMATION

**CAMPUS:** Wollongong Campus  
**BUILDING:** General Teaching Building (24)  
**DESCRIPTION:** Modern three storey building with low pitch metal roof. Horizontal lifelines located 2 metres from building edges. Anchor point on the south side adjacent to the hatch opening.  
**RISK ASSESSMENT #:** UOW01624  
**ROOF ACCESS:** Access to the roof is via the plantroom on the second floor. A permanently fixed 6 metre ladder ascends to a locked hatch that opens onto the roof. Use caution when climbing the ladder - beware hitting head or back on cable rack which is in close proximity. Telescopic styles to be extended when roof hatch is opened.  
**SIGNAGE:** Nil  
**COMPLIANCE PLATES:** Compliance plate at top of ladder inside the hatch.  
**SAFE WORK AREA:** Services Area on landing outside access door on level 2  
**ROOFING SYSTEM:** Sala Evolution Lifeline  
**HEIGHT OF BUILDING:** Three storey  
**PITCH:** < 10 degrees  
**ROOF CONSTRUCTION:** Metal  
**STRUCTURAL INTEGRITY:** Good  
**VEGETATION:** Nil  
**ADJOINING ROOFES:** Building 19

**SERVICES:**

Gutters	Yes
A/C Units	No
Exhaust Fans	No
Ducts	Yes
Roof Ventilators	Yes
Fume Cupboards	No
Telco Towers	No

Satellite Dishes	No
Antenna	No
Skylights Domes	No
Glass Skylights	No
Pipework	No
Cooling Tower	No

**EXISTING SAFETY ITEMS:**

Horizontal Lifelines	Yes
Anchor Points	Yes
Vertical Lifelines	No

Handrail	Yes
Walkway	No
Parapets	Yes 500-1000

**WORK ACTIVITY DETAILS:**

Clean Gutters / Routine Maintenance		<b>Frequency</b>	TBA
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Note: Before commencing any work obtain Roof Permit from Facilities Management Division

# Roof Safety Survey

## RISK ASSESSMENT

Risk Assessment / Task Location

**BUILDING 24**

**Note:** The hazards identified do not include hazards that related to specific work tasks. These should be identified in the Safe Work Method Statement (SWMS) of the contractor.

Hazard Identification		Risk Assessment & Control Measures		Risk Control
What is the Activity / Service Item	What are the potential Hazards	What is the Risk Level	List any Control Measures already Implemented	Describe what can be done to eliminate risk or reduce the harm
Access to Roof via Ladder	Falling	M	Maintain 3 points of contact; Signage; and Working at Heights Guidelines - Working from Ladders	Install Vertical Fall Protection System on ladder
Access to Roof via Ladder	Low head clearance	M	Nil	Signage and/or Relocate electrical cable rack away from ladder
Gutter Maintenance on Roof	Falling	H	Horizontal Lifeline & Anchors Installed	Ensure horizontal lifeline & anchors used correctly
Roof Plant Maintenance greater than 2m from roof edge	Refer to SWMS for contractor	M	Safe Work Procedure	Nil
Roof Plant Maintenance within 2m from roof edge	Falling & Refer to SWMS for contractor	H	Horizontal Lifeline & Anchors Installed	Ensure horizontal lifeline & anchors used correctly
Access to Roof	Unauthorised access	M	All access points to roof are locked and made secure so are not accessible by unauthorised persons; signage	Risk Assessment and Roof Safety Survey
General	Trip Hazard - Roof Sheeting	M	Safe Work Procedure	Walkway or minimum awareness in Safe Work Procedure
General	Trip Hazard - Horizontal Lifeline or Anchor Points	M	Signage & System is visible	Be aware of location of horizontal lifeline & anchor points
General	Weather Trips/Slips - Wet Roofs	H	Safe Work Procedure, do not work on wet roof	Do not work while roofs are wet or have dew
General	Weather - Windy Condition	H	Safe Work Procedure, do not work in high wind conditions	Do not work in windy conditions
General	Weather - Hot Conditions	M	Safe Work Procedure	Use sunscreen, hats and remain hydrated and take appropriate breaks

## **Reference Documentation**

### **Legislation**

NSW Work Health and Safety Regulation 2011 Part 4.4 Falls

### **Australian Standards**

AS 1657 - 2013 : Fixed platforms, walkways, stairways and ladders - Design, construction and installation

AS 1891.1 - 2007 : Industrial fall-arrest systems and devices - Harnesses and ancillary equipment

AS 1891.2 - 2001 : Industrial fall-arrest systems and devices - Horizontal lifeline and rail systems

AS 1891.3 - 1997 : Industrial fall-arrest systems and devices - Fall-arrest devices

AS 1891.4 - 2009 : Industrial fall-arrest systems and devices - Selection, use and maintenance

AS 2210.1 - 2010 : Safety, protective and occupational footwear - Guide to selection, care and use

AS 4994.1 - 2009 : Temporary edge protection - General requirements

AS 4994.2 - 2009 : Temporary edge protection - Roof edge protection - Installation and dismantling

AS 5532 - 2013 : Manufacturing requirements for single-point anchor device used for harness-based work at height

### **Code of Practice**

Safe Work Australia - Managing the Risk of Falls at Workplaces

### **UOW Documentation**

Managing the Risk of Falls Guidelines

Thermal Comfort Guidelines

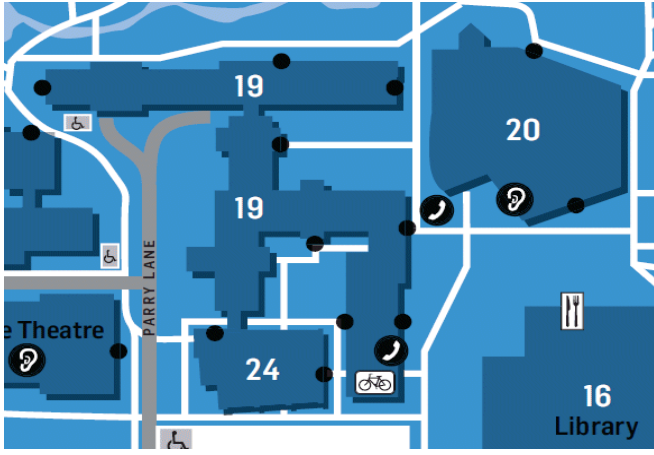
UOW Roof Access Permit

UOW Roof Access Certificate

### **Other**

WorkCover - Safe Working at Heights Guide 2006

Building 24 Roof Safety Assessment



Building 24 Roof Safety Assessment



Access from Building 24 to landing



Service on Landing



Ladder in plantroom



North eastern corner



North western corner



South western corner



South eastern corner



Access hatch