

# Roof Safety Survey

## GENERAL INFORMATION

**CAMPUS:** Wollongong Campus  
**BUILDING:** Central Lecture Theatre (14)  
**DESCRIPTION:** Two storey uneven metal roof building with enclosed services area.  
**RISK ASSESSMENT #:** UOW01861  
**ROOF ACCESS:** Access is via the eastern firestairs. Ascend firestairs at rear of building, enter through rear unmarked [Airconditioning contractor] office behind lecture theatre then ascend next level of fire stairs to roof. Access to front lower roof (verandah) via portable ladder. Ladder bracket west side.  
**SIGNAGE:** Authorised Personel Only sign on door to rear office. None to roof  
**COMPLIANCE PLATES:** Anchor points located on verandah tagged. Eight (8) anchor points on the roof are now compliant. Tags are installed to all anchors.  
**SAFE WORK AREA:** Enclosed services area  
**ROOFING SYSTEM:** TYPICAL ANCHORS  
**HEIGHT OF BUILDING:** 2 storey  
**PITCH:** < 10 degrees  
**ROOF CONSTRUCTION:** Metal Roof  
**STRUCTURAL INTEGRITY:** Sound  
**VEGETATION:** Yes  
**ADJOINING ROOFES:** Nil

**SERVICES:**

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

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

**EXISTING SAFETY ITEMS:**

Horizontal Lifelines	No
Anchor Points	Yes
Vertical Lifelines	No

Handrail	Yes
Walkway	Yes
Parapets	No

**WORK ACTIVITY DETAILS:**

Clean Gutters / Routine Maintenance	Yes
Service A/C Plant	Yes

**Frequency**

Every 6 weeks
Monthly

Note: Before commencing any work obtain Roof Permit from Facilities Management Division

# Roof Safety Survey

## RISK ASSESSMENT

Risk Assessment / Task Location

**BUILDING 14**

**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 front lower Roof	Use of portable ladders required	M	Ladders to be tied to structure prior to use	Ensure ladder is secured & 3 points of contact. Extend ladder styles when on roof. Minimum awareness. Install Ladder bracket
Access to upper roof from Airconditioning contractor office	Access availability	L	Co-ordination with Contractors	Minimum awareness.
Access to Roof	Unauthorised access	M	All access points to roof are locked and made secure so are not accessible by unauthorised persons.	Risk Assessment and Roof Safety Survey. Signage
Gutter Maintenance on Roof and Awnings	Falling	H	Anchors Installed on front awning. Anchors on main roof are not compliant.	Ensure 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	Anchors Installed on front awning. Anchors on main roof are not compliant.	Ensure anchors used correctly
General	Trip Hazard - Roof Sheeting	M	Safe Work Procedure	Walkway or minimum awareness in Safe Work Procedure
General	Trip Hazard - Anchor Points	M	Signage & System is visible	Be aware of location of anchor points
General	Environmental Hazards - Spiders, Wasps, and other insects	M	Appropriate PPE and insect repellent and Pest control as required	On-going pest control measures
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	Thermal Comfort Guidelines	Use sunscreen, hats and remain hydrated and take appropriate breaks

## Reference Documentation

### Legislation

NSW Work Health and Safety Regulation 2017 Part 4.4 Falls

Public Health (Microbial Control) Regulation 2000

### Australian Standards

AS 1657 - 1992 : 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 1892.5 - 2000 : Portable ladders - Selection, safe use and care

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

AS 3666- 2011 : Air-handling & Water Systems for Buildings - Microbial Control

AS 4994.1 - 2009 : Temporary edge protection - General requirements

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

### Code of Practice

SafeWork NSW - Manage the risk of falls in the workplace

NSW Health Department Code of Practice for the Control of Legionnaires' Disease

### UOW Documentation

Working at Heights Guidelines

Thermal Comfort Guidelines

UOW Roof Access Permit

UOW Roof Access Certificate

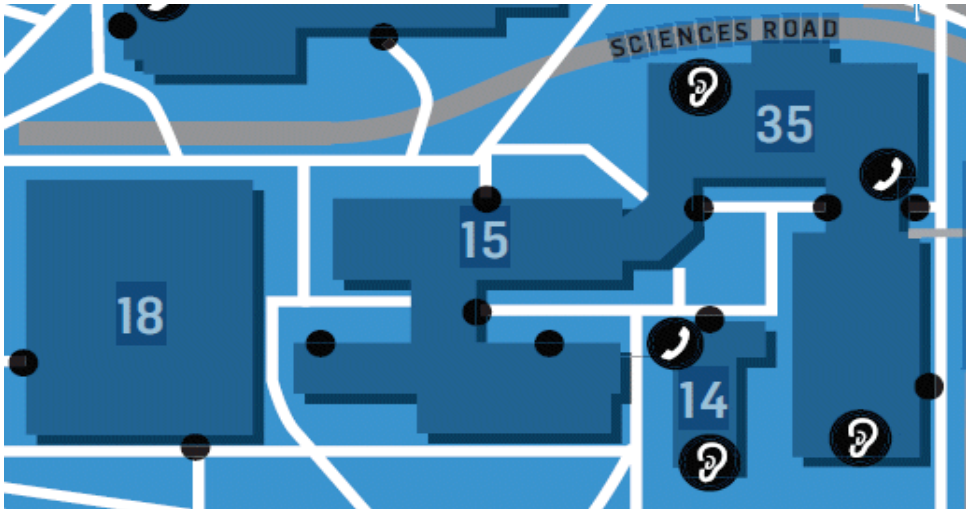
### Other

[SALA - Fall Arrest and Height Safety Systems - Fall Protection Manual](#)

WorkCover - Safe Working at Heights Guide 2006

WorkCover Safety Guide - Portable Ladders February 1999

Building 14 Roof Safety Assessment



A - location of access to roof  
LB - Portable Ladder Access Bracket

Safe Roof Work Area  
Anchor points



# Building 14 Roof Safety Assessment



Gate from landing onto roof proper



Enclosed landing and A/C Plant



Steps up to landing and main plant



Main Roof over Lecture theatre looking north west towards Building 15



Main Roof over Lecture theatre looking north east towards Building 35



Steps down to building access



Awning over front of Building 14