

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Wollongong Campus
BUILDING: UniBar (12)
DESCRIPTION: Single storey pitch metal roof with large awning covering outdoor eating area.

RISK ASSESSMENT #: UOW01594
ROOF ACCESS: Portable ladder or scaffolding - Ladder brackets located on galvanised gutters: a) in loading dock in north east corner; b) in north bar courtyard adjacent to toilets CAUTION: Slippery surface on roof access due to sap on roof

Permanent ladders located to upper roof
 Handrails located at ladder mount brackets

SIGNAGE: Nil
COMPLIANCE PLATES: Tag on anchor points
SAFE WORK AREA None
ROOFING SYSTEM: TYPICAL ANCHORS

HEIGHT OF BUILDING: Single story
PITCH: 5 degrees roof, 30 degrees awning
ROOF CONSTRUCTION: Metal Roof
STRUCTURAL INTEGRITY: Sound

VEGETATION: Yes

ADJOINING ROOFES: Nil

SERVICES:

Gutters	Yes
A/C Units	No
Exhaust Fans	Yes
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
Floodlights	Yes

EXISTING SAFETY ITEMS:

Horizontal Lifelines	No
Anchor Points	Yes
Vertical Lifelines	No

Handrail	Yes
Walkway	No
Parapets	No

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	Yes
Service A/C Plant	No

Frequency
Every 10 weeks
NA

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

Roof Safety Survey

RISK ASSESSMENT

Risk Assessment / Task Location

BUILDING 12

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 access Portable ladder	Securing ladder / Slip Hazard	H	Designated ladder attachment points	Secure Portable ladder to Bracket on Galvansied Gutter. Use extreme Caution when Accessing roof. Beware of Slip hazard in Gutter due to debris and sap. Use of anchor points required when accessing materials to roof
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
Gutter Maintenance	Falling	H	Anchors Installed	Ensure anchors used correctly
Exhaust Fan Maintenance	Falling & Refer to SWMS for contractor	H	Anchors Installed	Ensure anchors used correctly. Ensure that Contractors supply and follow their SWMS
Working near roof edge	Falling	H	Anchors Installed	Ensure anchors used correctly. Ensure that Contractors supply and follow their SWMS
General	Trip Hazard from Uneven surfaces on concrete roof	L		Signage & demarkation paint
General	Slip Hazard - Roof Sheeting	M	Safe Work Procedure	Minimum awareness in Safe Work Procedure
General	Trip Hazard - Anchor Points	M	Signage & System is visible	Be aware of location of horizontal lifeline & anchor points
General	Environmental Hazards - Spiders, Wasps, and other insects	M	Appropriate PPE and insect repellent; 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 suncream, 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 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 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

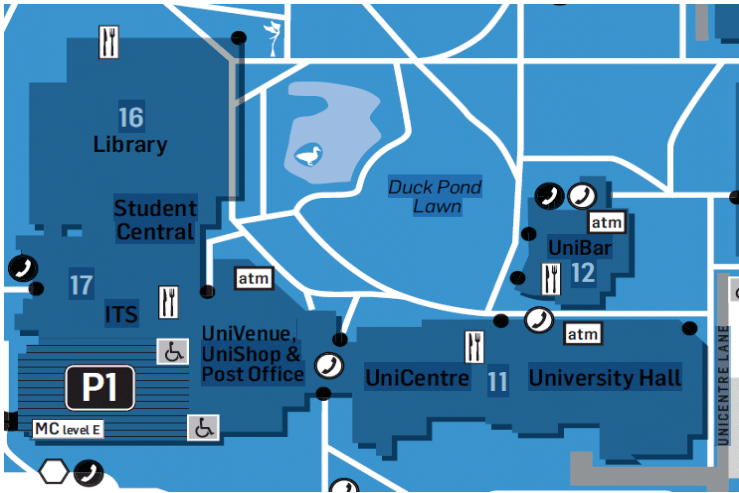
Other

[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 12 Roof Safety Assessment



Campus map



- A - Location of access to roof
- - location of anchor point



Aerial photograph

Building 12 Roof Safety Assessment



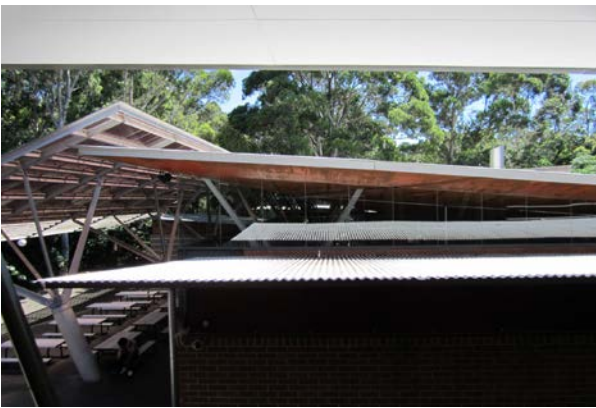
South Eastern aspect



Western aspect



North East Access



Southern Aspect



North West Access



North West Access

