

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Wollongong Campus
BUILDING: Ecological Research Centre (70)
 Two storey metal roof building with two wings (east and west) joined by a central corridor in the middle. Fall restraint system in place. Solar panels and pipework above central corridor.
DESCRIPTION:
RISK ASSESSMENT # : UOW01764

ROOF ACCESS: Ladder rack above the central corridor on the southern side of the building
SIGNAGE: Nil
COMPLIANCE PLATES: Beneath ladder rack on southern side of building.
SAFE WORK AREAS: Nil
ROOFING SYSTEM: "VERTIC" LIFELINE
 TYPICAL ANCHORS

HEIGHT OF BUILDING: Two storey
PITCH: <5 degrees
ROOF CONSTRUCTION: Metal
STRUCTURAL INTEGRITY: Sound

VEGETATION: Nil

ADJOINING ROOFES: Nil

SERVICES:

Gutters	Yes
A/C Units	No
Exhaust Fans	Yes
Ducts	Yes
Roof Ventilators	No
Solar Panels	Yes

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

EXISTING SAFETY ITEMS:

Horizontal Lifelines	Yes
Anchor Points	Yes
Vertical Lifelines	No

Handrail	No
Walkway	No
Parapets	No

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	TBA	Frequency	
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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 70

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	Shock from contact with Electric Fence	M	Turn off electric fence	Turn off electric fence
Access to Roof	Temporary Ladder - Falling	M	Ladder Bracket for securing ladder. Maintain 3 points of connection and secure ladder at top	Maintain 3 points of connection and secure ladder at top and bottom
Access to Roof	Trip Hazard from pipework	L	Safe Work Procedure	Nil
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 on Roof	Falling	H	Fall restraint system - horizontal lifelines and anchor points	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
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	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 while roofs are wet or have dew
General	Weather - Windy Condition	H	Safe Work Procedure	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 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

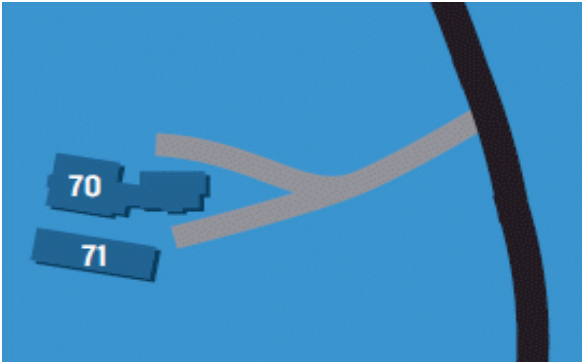
UOW Roof Access Certificate

Other

WorkCover - Safe Working at Heights Guide 2006

WorkCover Safety Guide - Portable Ladders February 1999

Building 70 Roof Safety Assessment



Campus Map

- P - location of compliance plate
- L - location of access to roof (ladder bracket)
- Horizontal Lifeline



Building 70 Roof Safety Assessment



Western aspect



Ladder bracket on southern side



Roof access point



South East corner



Southern Aspect



South East corner



Eastern aspect



Southern aspect



B70 fume cupboard new