

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Wollongong Campus
BUILDING: Visitors Lodge (63)

DESCRIPTION: Two storey apartment block with pitched concrete tile roof, glass verandah over the front of the building.

RISK ASSESSMENT # : UOW01747

ROOF ACCESS: via EWP only

SIGNAGE: Nil

COMPLIANCE PLATES: Not Applicable

SAFE WORK AREA: None

ROOFING SYSTEM: NA

HEIGHT OF BUILDING: 2 storey

PITCH: < 20 degrees

ROOF CONSTRUCTION: Concrete tile pitch Roof

STRUCTURAL INTEGRITY: Questionable

VEGETATION: Yes - eastern side

ADJOINING ROOFES: Nil

SERVICES:

Gutters	Yes
A/C Units	No
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	No
Vertical Lifelines	No

Handrail	No
Walkway	No
Parapets	No

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	Yes
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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 63

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 EWP	Falling	H	Suitable access to roof to be determined.	Trained operators- tiled roof - steep pitch and unprotected.
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
Access roof	Steep pitch	H	Establish temporary fall arrest system	Works to be undertaken in retrain mode only.
Access roof	Glass awnings at front of building	M	Care taken when working to clean glass	Use of EWP to access when cleaning
Access to Roof via access Portable ladder	Securing ladder / Slip Hazard; Temporary Ladder - Falling	M	Maintain 3 points of connection and secure ladder at top and bottom	Install ladder brackets at designated points. Use extreme Caution when Accessing roof. Maintain 3 points of connection and secure ladder at top and bottom.
Gutter Maintenance on Roof and Awnings	Falling	H	Nil	Work Platform, Handrail, Horizontal Lifeline, or a minimum of anchor points. Works to be undertaken in retrain mode only.
General	Trip Hazard - Roof tiles (loose or cracked)	H	Safe Work Procedure	Walkway or minimum awareness in Safe Work Procedure
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	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 - 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 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

Code of Practice

WorkCover - Safe Work on Roofs. Part 1 - Commercial and industrial buildings

UOW Documentation

Working at Heights Guidelines

Thermal Comfort Guidelines

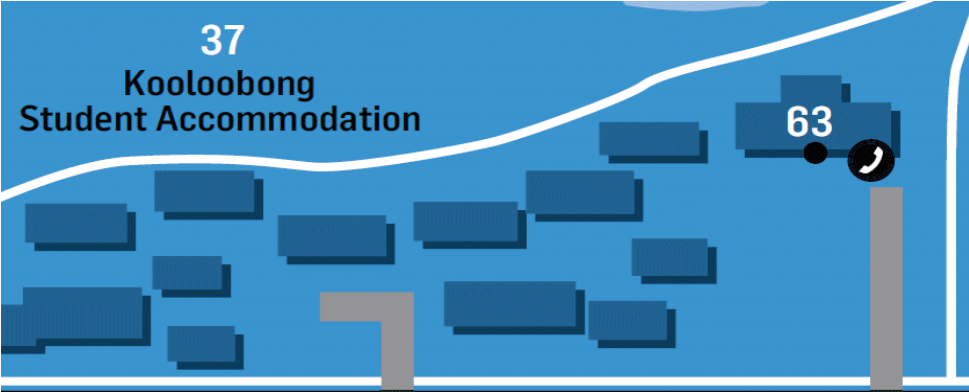
UOW Roof Access Permit

UOW Roof Access Certificate

Other

WorkCover Safety Guide - Portable Ladders February 1999

WorkCover - Safe Working at Heights Guide 2006



Building 63 Roof Safety Assessment



Southern view



North Western side



South west corner