

# Roof Safety Survey

## GENERAL INFORMATION

**CAMPUS:** Wollongong Campus  
**BUILDING:** Demountables Buildings 45-60

**DESCRIPTION:** Single story temporary demountable classrooms with low pitch metal roofs  
**RISK ASSESSMENT #:** UOW01912  
**ROOF ACCESS:** Temporary Ladder  
**SIGNAGE:** Nil  
**COMPLIANCE PLATES:** **Uncertified**  
**SAFE WORK AREAS:** None  
**ROOFING SYSTEM:** NA

**HEIGHT OF BUILDING:** 1 storey  
**PITCH:** Flat <5 degrees  
**ROOF CONSTRUCTION:** Metal Roof  
**STRUCTURAL INTEGRITY:** Questionable

**VEGETATION:** Yes

**ADJOINING ROOFES:** Buildings 53, 52 and 51 are adjoining. Building 59 and 60 are adjoining.  
 Buildings 50 and 56 are adjoining. Buildings 57 and 58 are adjoining.

**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
Flood lights	Yes

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**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	
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Frequency

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

### BUILDINGS 45 - 60 Demountables

**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	Temporary Ladder - Falling	H	Safe Maintain 3 points of connection and secure ladder at top and bottom. Working from Heights Guidelines- Working off ladders	Ladder brackets installed and / or use Safe Work Platform
Access to Roof	Unauthorised access	M	Nil	Signage - No unauthorised access
Gutter Maintenance	Falling	H	Safe Maintain 3 points of connection and secure ladder at top and bottom. Working from Heights Guidelines- Working off ladders	A better option is to use a small scaffold for single level work.
General	Trip Hazard - Roof Sheeting	M	Safe Work Procedure	NO ACCESS TO ROOF
General	Trip Hazard - Overhanging Trees	M	Regular Maintenance	Cut down overhanging branches or as a minimum be aware of branches and leaf litter
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 windy conditions	Do not work in windy conditions
General	Weather - Hot Conditions	M	Safe Work Procedure	Use suncream, hats and remain hydrated and take appropriate breaks
General	Electrocution	H	Nil	Redesign cable placement of power lead to floodlight on Building 51

## **Reference Documentation**

### **Legislation**

NSW Work Health and Safety Regulation 2011 Part 4.4 Falls

### **Australian Standards**

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

### **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

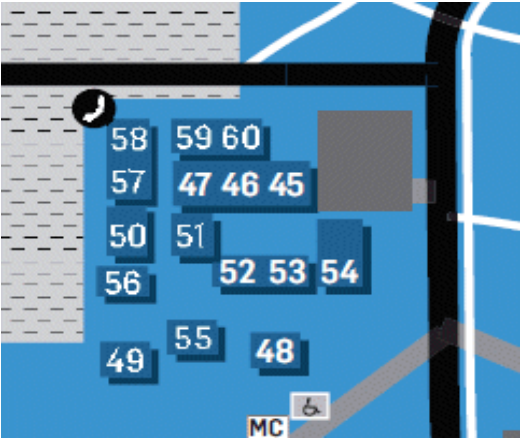
UOW Roof Access Certificate

### **Other**

WorkCover - Safe Working at Heights Guide 2006

WorkCover Safety Guide - Portable Ladders February 1999

Buildings 45 - 60 Roof Safety Assessment



Buildings 45 - 60 Roof Safety Assessment



Classroom 46



Classroom 50



Classroom 53



Classroom 54



Classroom 55



Classroom 59



Classroom 52



Classroom 49



Classrooms 57 & 58