

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Innovation
BUILDING: 236 EMF (Electron Microscope Facility)
DESCRIPTION: Two storey building consisting of two parallel wings
RISK ASSESSMENT # : UOW02326
ROOF ACCESS: From Building 235 - through window in Room 201B
SIGNAGE: Nil
COMPLIANCE PLATES: TBA
SAFE WORK AREA: Nil
ROOFING SYSTEM: Typical Anchors
 RIS static life lines

HEIGHT OF BUILDING: Two storey
PITCH: 20 degrees N/West; 15 degrees S/west; <5 degrees East
ROOF CONSTRUCTION: Metal
STRUCTURAL INTEGRITY: Sound

VEGETATION: Nil

ADJOINING ROOFES: Building 235 AIIM PD and Building 231 AIIM

SERVICES:

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

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

EXISTING SAFETY ITEMS:

Horizontal Lifelines	Yes
Anchor Points	Yes
Vertical Lifelines	No

Handrail	No
Walkway	No
Parapets	Yes < 300mm

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	TBA
Service A/C Plant	Nil

Frequency

Note: Before commencing any work obtain Roof Permit from Resolve FM

Roof Safety Survey

RISK ASSESSMENT

Risk Assessment / Task Location

Building 236

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	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
Gutter Maintenance on Roof and Awnings	Falling	H	Horizontal Lifeline & Anchors Installed	Ensure horizontal lifeline & anchors used correctly
Access to roofs from Buildings 231 & 235	Falling	H	Horizontal Lifeline & Anchors Installed	Ensure horizontal lifeline & anchors used correctly
Roof 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	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 Conditions	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
General	Environmental Hazards - Spiders, Wasps, and other insects	M	Appropriate PPE and insect repellent and Pest control as required	On-going pest control measures

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

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

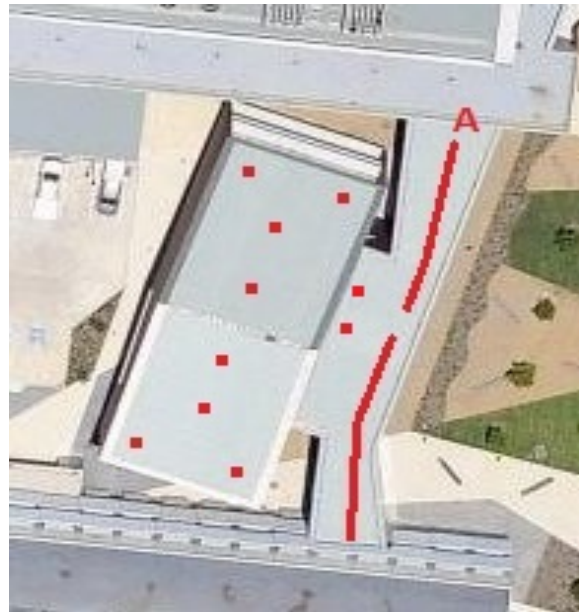
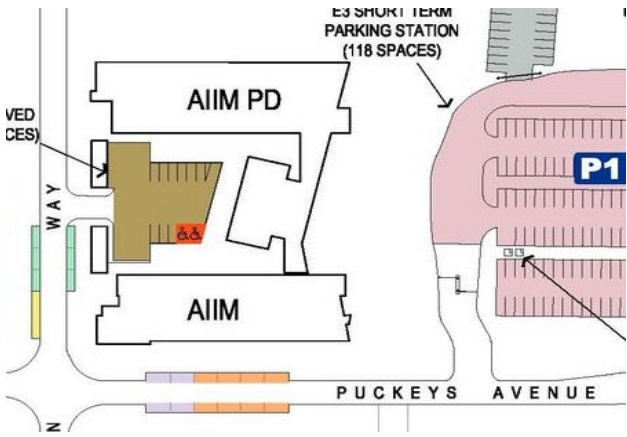
UOW Roof Access Certificate

Other

WorkCover - Safe Working at Heights Guide 2006

[RIS static life lines](#)

Building 236 Roof Safety Assessment



A - Access
 Horizontal Lifeline



Building 236 Roof Safety Assessment



South Eastern aspect



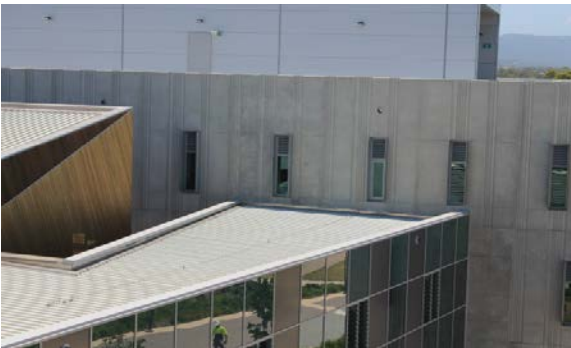
Western aspect



South western aspect



Eastern wing looking north



Link to Building 235 and access window



Western wing looking north



Lifeline on Eastern Wing



Eastern wing link to Building 231