

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Wollongong Campus
BUILDING: Building 66 Dangerous Goods Storage and Substation
 Small single storey building with low pitch mental roof and several anchor points
DESCRIPTION:
RISK ASSESSMENT # : UOW01638
 The roof is accessed by a temporary ladder that is secured to the rack on roof on the western side of the building.
ROOF ACCESS:
SIGNAGE: Nil
COMPLIANCE PLATES: Anchor points are tagged
SAFE WORK AREA: None
ROOFING SYSTEM: TYPICAL ANCHORS

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

VEGETATION: No

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	No
Skylights Domes	No
Glass Skylights	No
Pipework	No
Cooling Tower	No

EXISTING SAFETY ITEMS:

Horizontal Lifelines	No
Anchor Points	Yes
Vertical Lifelines	No

Handrail	No
Walkway	No
Parapets	No

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	
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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 66

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. Use extreme Caution when Accessing roof. 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	Anchor Points Installed	Ensure the Fall Restraint Systems are used correctly
General	Trip Hazard - Roof Sheeting	M	Safe Work Procedure	Stay on walkways where installed
General	Trip Hazard - Anchor Points	M	Signage and system is visible	Be Aware of location of 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	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 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

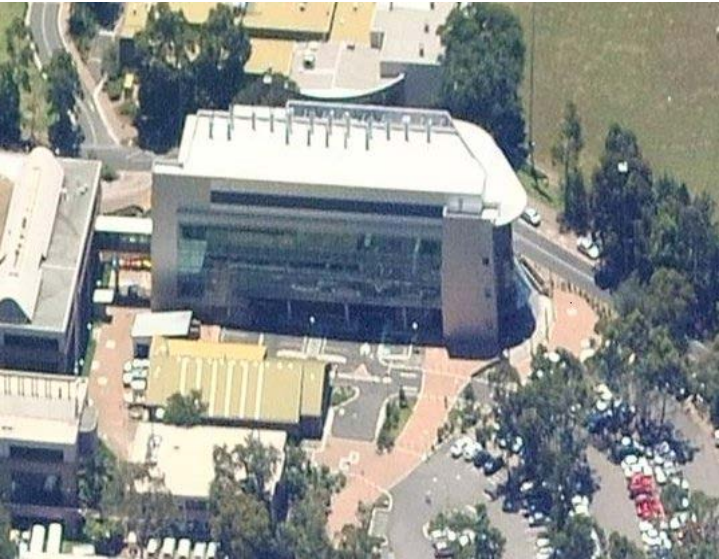
Other

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 66 Roof Safety Assessment



- A - location of ladder bracket for access to roof
- Anchor points

Building 66 Roof Safety Assessment



View from Building 32



View of north west corner



Ladder bracket on Western side



View from northern side



View of anchor points from Building 32