

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Innovation Campus
BUILDING: 200 Science Centre
DESCRIPTION: Two storey exhibition space and workshop with raised sunroof over exhibition space.

RISK ASSESSMENT # : UOW03065

ROOF ACCESS:

- 1 Main access up staircase directly onto roof.
- 2 Through Plantroom western door
- 3 Through Plantroom north western door
- 4 Through Plantroom north eastern door

SIGNAGE : Nil
COMPLIANCE PLATES: On Anchor points
SAFE WORK AREA: Concrete roof area above Exhibition area
ROOFING SYSTEM: Typical Anchors on workshop roof

HEIGHT OF BUILDING: Two storeys
PITCH: Flat
ROOF CONSTRUCTION: Concrete and steel
STRUCTURAL INTEGRITY: Good

VEGETATION: Nil

ADJOINING ROOFES: Nil

SERVICES:	Gutters	No	Satellite Dishes	Yes
	A/C Units	Yes	Antenna	Yes
	Exhaust Fans	Yes	Skylights Domes	No
	Ducts	Yes	Glass Skylights	No
	Roof Ventilators	No	Pipework	Yes
	Solar Panels	Yes	Weather Station	No

EXISTING SAFETY ITEMS:	Horizontal Lifelines	No	Handrail	No
	Anchor Points	Yes	Walkway	No
	Vertical Lifelines	No	Parapets	100

WORK ACTIVITY DETAILS:	Clean Gutters / Routine Maintenance	Frequency	
	Service A/C Plant		

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

Roof Safety Survey

RISK ASSESSMENT

Risk Assessment / Task Location

Building 200

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; signage	Risk Assessment and Roof Safety Survey
Gutter Maintenance on Roof and Awnings	Falling	H	Anchor Points Installed	Ensure anchors used correctly
Roof Plant Maintenance within 2m from roof edge	Falling & Refer to SWMS for contractor	H	Anchor Points Installed	Ensure anchors used correctly
Antenna Maintenance	Falling and Refer to SWMS of contractor	H	Anchor Points Installed	Ensure SWMS developed is followed by Contractors
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 Condition	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	Climbing ladder	M	Maintain 3 points of contact; Signage; and Working at Heights Guidelines - Working from Ladders	Ensure that ladder is used correctly

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 2210.1 - 2010 : Safety, protective and occupational footwear - Guide to selection, care and use

AS 4994.1 - 2009 : Temporary edge protection - General requirements

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

Roof Access Certificate

Other

WorkCover - Safe Working at Heights Guide 2006

Building 200 Roof Safety Assessment



Safe work Area



Access Point



Anchor Point



Building 200 Roof Safety Assessment



Main access door and door from plantroom onto roof



Southern aspect



North Eastern Aspect



Southern aspect looking back towards plantroom



Skylight looking south



Roof over workshop area



Lower roof over demonstration theatre

Air conditioner - North Eastern Aspect



GUIDE LINE ONLY

THIS OPERATION MANUAL SHOULD BE CONSIDERED A GUIDE ONLY. ALL PERSONS USING THE EQUIPMENT LISTED IN THIS MANUAL MUST BE COMPETENTLY TRAINED. "THE INSTALLER" INSTALLS SYSTEMS ONLY AND DOES NOT MANUFACTURE THE SYSTEMS. END USERS TO ENQUIRE WITH "THE MANUFACTURER" (BULLIVANTS) AT THEIR OWN DISCRETION. ALWAYS FOLLOW MANUFACTURERS INSTRUCTIONS.

TYPICAL ANCHORS



