

Roof Safety Survey

GENERAL INFORMATION

CAMPUS: Wollongong Campus
BUILDING: Kids Uni (10)
DESCRIPTION: Single storey pre-school building with metal roof and bullnose verandahs and shadecloth awnings surrounding it. The roof has a number of skylight domes.
RISK ASSESSMENT #: UOW01593
ROOF ACCESS: Portable ladder or scaffolding
SIGNAGE: Nil
COMPLIANCE PLATES: Not Applicable
MARKED SAFE AREAS: None
ROOFING SYSTEM: NA

HEIGHT OF BUILDING: Single storey
PITCH: 30 degrees
ROOF CONSTRUCTION: Metal Roof pitched
STRUCTURAL INTEGRITY: Bullnose verandah - questionable, pergola - brittle, roof - sound

VEGETATION: Yes

ADJOINING ROOFES: Nil

SERVICES:

Gutters	Yes
A/C Units	Yes
Exhaust Fans	Yes
Ducts	No
Roof Ventilators	No
Fume Cupboards	No
Telco Towers	No

Satellite Dishes	No
Antenna	Yes
Skylights Domes	Yes
Glass Skylights	No
Pipework	No
Cooling Tower	No

EXISTING SAFETY ITEMS:

Horizontal Lifelines	Nil
Anchor Points	Nil
Vertical Lifelines	Nil

Handrail	No
Walkway	No
Parapets	No

WORK ACTIVITY DETAILS:

Clean Gutters / Routine Maintenance	Yes
Service A/C Plant	Yes

Frequency

Monthly
TBA

Note: Before commencing any work obtain Roof Permit from Facilities Management Division

Roof Safety Survey

RISK ASSESSMENT

Risk Assessment / Task Location

BUILDING 10

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	Tie Portable ladder to roof gutter close to work areas. Use extreme Caution when Accessing roof. Beware of Slip hazard in Gutter due to debris and sap.
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	No roof safety system in place	Access from ground only and works to be undertaken from scaffold.
Exhaust Fan Maintenance	Falling & Refer to SWMS for contractor	H	No roof safety system in place	Temporary fall arrest system to be used and supplied by contractor - Refer to Contractors SWMS
Fragile and Brittle roofs	Falling	H	Identify skylights and do not access area	Minimum awareness in Safe Work Procedure
Working near Skylights	Falling near or through skylight	H	Nil	Protective gridmesh, handrail, or a minimum of signage
Works within 2 metres of roof edge	Falling	H	Scaffold access to be erected in front of work area	All works carried out must have a scaffold erected to perimeter to act as a Handrail
General	Slip Hazard - Roof Sheeting	M	Safe Work Procedure	Minimum awareness in Safe Work Procedure
General	Environmental Hazards - Spiders, Wasps, and other insects	M	Appropriate PPE and insect repellent and 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	Thermal Comfort Guidelines	Use suncream, hats and remain hydrated and take appropriate breaks

Reference Documentation

Legislation

NSW Work Health and Safety Regulation 2011 Part 4.4 Falls

Public Health (Microbial Control) Regulation 2000

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 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 3666- 2011 : Air-handling & Water Systems for Buildings - Microbial Control

AS 4994.1 - 2009 : Temporary edge protection - General requirements

AS 4994.2 - 2009 : Temporary edge protection - Roof edge protection - Installation and dismantling

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

NSW Health Department Code of Practice for the Control of Legionnaires' Disease

UOW Documentation

Managing the Risk of Falls Guidelines

Thermal Comfort Guidelines

UOW Roof Access Permit

UOW Roof Access Certificate

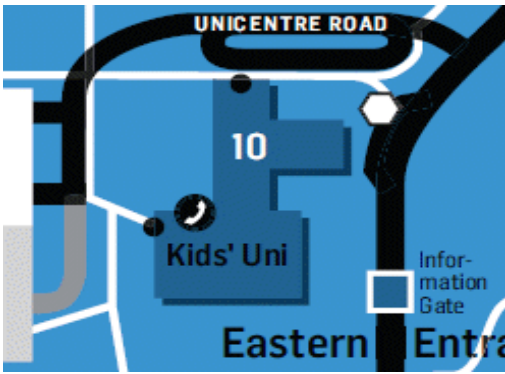
Other

[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 10 Roof Safety Assessment



Campus Map

Google Image

Aerial Photograph



Building 10 Roof Safety Assessment



Kids Uni northern aspect



Kids Uni western courtyard aspect



Bull-nosed verandah



Kids Uni eastern courtyard



View of roofs from Building 39



Kids Uni southern courtyard



Kids Uni western courtyard