

Title	Use high level access equipment to carry out work at height		
Level	3	Credits	4

Purpose	People accredited with this unit standard are able to plan a safe approach to working at height and use high level access equipment.
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Classification	Mechanical Engineering > Engineering Core Skills
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Available grade	Achieved
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Guidance Information

1 References

Health and Safety at Work Act 2015.

Resource Management Act 1991.

AS/NZS 1576.5:1995; Scaffolding - Prefabricated splitheads and trestles.

WorkSafe New Zealand. *Scaffolding in New Zealand Good Practice Guidelines*, 2016.

WorkSafe New Zealand. *Best Practice guidelines for working at height in New Zealand*, 2012.

WorkSafe New Zealand. *Best practice guidelines for Mobile Elevating Work Platforms*, 2014.

WorkSafe New Zealand. *Safe working with ladders and stepladders* fact sheet.

WorkSafe information available at <https://worksafe.govt.nz>.

2 Definitions

Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider mechanical engineering industry sectors as examples of best practice.

Workplace procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

3 Range

Examples of high level access equipment:

a Fixed equipment – ladders, trestles, scaffolds.

b Mobile equipment – trailer/truck mounted towers, mobile elevating work platforms, scissor lifts, suspended stages, knuckle booms, forklift platforms, step-up platforms.

- 4 Assessment information
All activities must be consistent with accepted industry practice and comply with workplace procedures.

Competence must be demonstrated in the use of one piece of fixed, and one piece of mobile equipment.

Outcomes and performance criteria

Outcome 1

Plan a safe approach to working at height.

Performance criteria

- 1.1 Nature of work to be carried out is established from specifications and instructions in accordance with workplace procedures.
- 1.2 Work to be carried out and the site conditions are analysed, hazards are identified, and associated risks are assessed.
- Range methods of identifying hazards may include but are not limited to – physical inspections, task analyses, process analyses, analysis of accident investigation.
- 1.3 Equipment is selected to match the nature of work, the site conditions, and to control the identified risks.
- Range site condition factors may include – height of work, ground slope, ground stability, obstructions, vehicle and foot traffic; duration and frequency of use; distance to be negotiated for access and egress; distance and consequences of a fall, evacuation and rescue; additional risk posed by the installation and removal of work equipment, overhead wires, wind; equipment may include but is not limited to – high level access equipment, guard rails, fences, restraint systems, fall arrest systems, safety mesh, safety nets.
- 1.4 Work plan is developed, documented, approved, and communicated to affected parties.
- 1.5 Required permits and compliance certificates are obtained.

Outcome 2

Use high level access equipment.

Performance criteria

- 2.1 Equipment is set up according to equipment manufacturer's specifications, and the work plan.
- 2.2 Access equipment is used and maintained in accordance with manufacturer's recommendations.
- 2.3 Work progress is monitored and hazards are reviewed. Changes are made to the control of hazards to meet any changing conditions.
- Range monitoring methods may include – regular inspections of hazards and control measures; discussing control measures with affected parties; active supervision of the work.
- 2.4 Equipment and machinery is dismantled, removed from site, and stored on completion of work.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.