

<b>Title</b>	<b>Assess the worksite, prepare and operate a self-propelled boom lift elevating work platform (EWP)</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: <ul style="list-style-type: none"> <li>– assess the worksite;</li> <li>– prepare to use a self-propelled boom lift EWP;</li> <li>– carry out operations in a workplace environment; and</li> <li>– report faults, and shut down the self-propelled boom lift EWP.</li> </ul>
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<b>Classification</b>	Cranes > Power-operated Elevating Work Platforms
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<b>Available grade</b>	Achieved
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<b>Entry information</b>	
<b>Critical health and safety prerequisites</b>	Unit standard 23966, <i>Describe types of elevating work platforms (EWPs), and legislative requirements for their use</i> , or demonstrate equivalent knowledge and skills.

### Explanatory notes

- 1 This unit standard has been developed for learning and assessment on-job or off-job in a simulated environment.
- 2 All tasks must be carried out in accordance with the Best Practice Guide (BPG) based on:
  - a quality management systems;
  - b designer's requirements and manufacturers' operating instructions; and government and local government legislation, regulations, bylaws, Health and Safety in Employment Act 1992, Health and Safety in Employment Regulations 1995, and Electricity Regulations 1997;
  - c the most up to date version of the: <http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items/acop-power-operated-elevating-work-platforms/platforms.pdf>, and all subsequent amendments and replacements;
  - d AS 2550.10-2006, *Cranes, hoists and winches – Safe use – Mobile elevating work platforms*; ISO 18878:2004, *Mobile elevating work platforms – Operator (driver) training*; ISO 18893:2004, *Mobile elevating work platforms – Safety principles, inspection, maintenance and operation*; available at <http://www.saiglobal.com/shop/Script/search.asp>

**3 Definitions**

*Company requirements:* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements which may apply across the company or to a specific site. Requirements are documented in the company's health and safety plans, contract work programmes, quality assurance programmes, policies, and procedural documents

*Elevating Work Platforms (EWP):* covered by this standard are specified in the ACOP;

*A self-propelled boom lift EWP:* also known as a knuckle boom EWP, telescopic boom EWP, vertical mast EWP, or self-propelled boom EWP.

**4 Assessment**

The self-propelled boom lift EWP used for assessment must be suitable for the job being undertaken.

Assessment of outcome 2 is based on the results of outcome 1.

Assessment of skills relating to elevating work platforms in an electricity supply or horticulture environment are covered respectively by other Standards Setting Bodies' unit standards.

**Outcomes and evidence requirements****Outcome 1**

Assess the worksite, and prepare to use a self-propelled boom lift EWP.

**Evidence requirements**

1.1 Inspect worksite for existing and potential hazards.

1.2 Eliminate, isolate or minimise hazards in accordance with company requirements.

Range includes but is not limited to – on-site plant and equipment, ground conditions, underground services, wind strength, overhead power lines, overhead service lines, overhead structures, vehicular and pedestrian traffic.

1.3 Determine resource requirements for operation in accordance with company requirements.

Range includes but is not limited to – staff, plant and equipment, personal protective equipment, lighting.

1.4 Complete documentation in accordance with company requirements.

Range includes but is not limited to – hazard identification sheet, traffic management plan, maintenance checklists, procedure forms, notification to WorkSafe New Zealand.

1.5 Determine working zone in accordance with company requirements.

Range includes but is not limited to – minimum approach distances, barriers, close working zone, competent worker zone.

1.6 Carry out pre-operational checks on the EWP in accordance with the code of practice.

Range includes but is not limited to – wheels or tracks, brakes, fuel and fluid levels, batteries, hydraulics, supporting structure, power mechanism, emergency controls, electrical safety certification if applicable, certification status of EWP.

**Outcome 2**

Carry out operations in a workplace environment, report faults, and shut down the self-propelled boom lift EWP.

**Evidence requirements**

2.1 Set up the self-propelled boom lift EWP prior to starting work.

Range includes but is not limited to – emergency descent, travelling and operating slope.

2.2 Identify minimum approach distances to electrical conductors and maintain hazards in accordance with company requirements.

2.3 Position the self-propelled boom lift EWP in a smooth and accurate manner in accordance with company requirements.

Range includes but is not limited to – position on flat surface – along, above, across, below; movement in straight line – backwards, forwards; movement in curve – backwards, forwards.

2.4 Ensure safe working load is kept within load limits during operation in accordance with company requirements.

2.5 Describe procedures in the event of inclination warning, and recovery manoeuvres in accordance with company requirements.

2.6 Use personal protective equipment in accordance with company requirements.

2.7 Report faults and damage in accordance with company requirements.

2.8 Shut down, make safe and secure the self-propelled boom lift EWP.

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<b>Planned review date</b>	31 December 2019
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 2007	31 December 2016
Rollover and Revision	2	18 July 2008	31 December 2016
Review	3	16 July 2015	N/A

**Consent and Moderation Requirements (CMR) reference**

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

**Comments on this unit standard**

Please contact The Skills Organisation at [reviewcomments@skills.org.nz](mailto:reviewcomments@skills.org.nz) if you wish to suggest changes to the content of this unit standard.