

Title	Prepare to use, and hook up, a crane with a crane-lifted work platform		
Level	5	Credits	4

Purpose	<p>People credited with this unit standard are able to: assess the crane-lifted work platform for compliance with the <i>Approved Code of Practice for Cranes</i> and company procedures; assess the crane-lifted work platform for suitability for use; assess suitability of the crane for use with the crane-lifted platform; prepare the crane for use with a crane-lifted work platform in accordance with the <i>Approved Code of Practice for Cranes</i>; assess the hook-up point, and level of training of operatives who will be working on the crane-lifted work platform, and personal protective equipment requirements when working above water; hook-up the crane to the crane-lifted work platform, and describe the safe working limit (SWL) for the operation; and develop an emergency plan for operating a crane-lifted work platform.</p>
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Classification	Cranes > Crane Operation
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Available grade	Achieved
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Explanatory notes

- 1 Definitions

Crane is as given in the Health and Safety in Employment (Pressure Equipment, Cranes, and Passenger Ropeways) Regulations 1999.

SWL is a Safe Working Load.
- 2 Assessment

For the purposes of assessment all crane-lifted work platforms must have a current certificate of inspection issued by a chartered professional engineer or an equipment inspector or a competent person.

Assessment must be carried out in a crane workplace or equivalent.
- 3 All tasks are to be carried out in accordance with the equipment manufacturers' requirements and company standards and procedures based on industry requirements in:
 - a company quality management systems;
 - b health and safety requirements and guidelines consistent with the Health and Safety in Employment Act 1992 (HSE Act);
 - c equipment manufacturers' operating instructions;
 - d government and local government legislation, regulations, and bylaws;

- e *Crane Safety Manual*, published by the Crane Association of New Zealand (Inc), PO Box 25 156, Panama Street, Wellington 6146;
- f *Approved Code of Practice for Cranes*, published by the Department of Labour, available at <http://www.dol.govt.nz>.

4 HSE Act Codes of Practice are available from the Department of Labour website, <http://www.osh.dol.govt.nz>.

Outcomes and evidence requirements

Outcome 1

Assess the crane-lifted work platform for compliance with the *Approved Code of Practice for Cranes* and company procedures and suitability for use.

Evidence requirements

- 1.1 Assessment of the platform sidewalls or guardrails confirms compliance with the *Approved Code of Practice for Cranes* and company procedures.
- 1.2 Assessment of the platform floor confirms compliance with the *Approved Code of Practice for Cranes* and company procedures.
- 1.3 Assessment of platform access confirms compliance with the *Approved Code of Practice for Cranes* and company procedures.
- 1.4 Assessment of crane-lifted work platform determines the SWL and serial number in accordance with the *Approved Code of Practice for Cranes* and company procedures.
- 1.5 Assessment of crane-lifted work platform suspension confirms compliance with company procedures and HSE Act certificate of compliance.

Outcome 2

Assess suitability of the crane for use with the crane-lifted platform.

Evidence requirements

- 2.1 Assessment of crane confirms compliance with manufacturer's specifications and the *Approved Code of Practice for Cranes* for crane-lifted platform use.

Range includes but is not limited to – power lowering capacity.
- 2.2 Assessment of crane confirms compliance with regulatory requirements for crane-lifted platform use.

Range licences, certificate of inspection.

Outcome 3

Prepare the crane for use with a crane-lifted work platform in accordance with the *Approved Code of Practice for Cranes*.

Evidence requirements

- 3.1 Free fall capability is checked, and locked out if applicable.
- 3.2 Hook blocks not in use that have free fall capability are checked, and those that cannot be locked out are removed and wire rope stowed.
- 3.3 Spare hooks are secured if applicable.
- 3.4 Anti-two-block devices without fixed hook are fitted to cranes.
- 3.5 All hook safety latches are checked to ensure they are fully operational.
- 3.6 The situation in which man-riding operations are to be undertaken is assessed.
Range includes but is not limited to – presence of other cranes.

Outcome 4

Assess the hook-up point, and level of training of operatives who will be working on the crane-lifted work platform, and personal protective equipment requirements when working above water.

Evidence requirements

- 4.1 Assessment of operative's hook-up point confirms compliance with the *Approved Code of Practice for Cranes* and company procedures.
Range with roof, without roof.
- 4.2 Assessment of operative's level of training confirms compliance with the *Approved Code of Practice for Cranes* and company procedures.
- 4.3 Personal protective equipment requirements when working above water are described in accordance with the *Approved Code of Practice for Cranes* and company procedures.

Outcome 5

Hook up the crane to the crane-lifted work platform, and describe the SWL for the operation.

Evidence requirements

- 5.1 Lanyard is attached to attachment points and/or hook assembly in a manner which avoids interference with the running working of the sheaves in accordance with the *Approved Code of Practice for Cranes*.

- 5.2 The SWL for cranes operating swinging or fixed platforms is described in accordance with the *Approved Code of Practice for Cranes*.

Outcome 6

Develop an emergency plan for operating a crane-lifted work platform.

Evidence requirements

- 6.1 The content of the emergency plan is consistent with the *Approved Code of Practice for Cranes* and company procedures.

Planned review date	31 December 2016
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	17 April 2009	30 June 2013
Review	2	15 March 2012	N/A

Consent and Moderation Requirements (CMR) reference	0025
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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 if you wish to suggest changes to the content of this unit standard.