

<b>Title</b>	<b>Arrange delivery of tower crane to site</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: give and/or receive work instructions; confirm site arrangements; arrange and/or confirm resources; and obtain regulatory permits, prepare site, and move crane.
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<b>Classification</b>	Cranes > Crane Operation
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<b>Available grade</b>	Achieved
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### Explanatory notes

- 1 Definition  
The definition of a *crane* is as given in the Health and Safety in Employment (Pressure Equipment, Cranes, and Passenger Ropeways) Regulations 1999.
- 2 Assessment  
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 Power Crane Association of New Zealand (Inc), PO Box 25 156, Wellington 6146.
- 4 HSE Act Codes of Practice are available from the Occupational Safety and Health Service of the Department of Labour website, <http://www.osh.dol.govt.nz>.

### Outcomes and evidence requirements

#### Outcome 1

Give and/or receive work instructions.

#### Evidence requirements

- 1.1 Work instructions are identified and confirmed in accordance with customer and/or company requirements.

1.2 Documentation for the project is initiated and/or interpreted in accordance with company procedures.

Range includes but is not limited to – work plans, Department of Labour notifications, certification.

## **Outcome 2**

Confirm site arrangements.

### **Evidence requirements**

2.1 Customer and/or company liaison, and on site assessment, are carried out in accordance with company procedures.

2.2 Statutory requirements, local body regulations, and any other special requirements are identified, and actions are initiated to deal with them in accordance with company procedures.

2.3 Personnel involved with, and/or affected by, the lift are notified in accordance with company procedures.

Range notification of – nature and type of load, site conditions, access arrangements, hazards associated with the task, applicable statutory regulations.

2.4 Hazards are identified in accordance with company risk assessment procedures.

2.5 Contingency plans are drawn up in accordance with company safety management systems and statutory requirements.

Range includes but is not limited to – insecure and/or unstable and/or hazardous load, failure of lifting device.

## **Outcome 3**

Arrange and/or confirm resources.

### **Evidence requirements**

3.1 Equipment best suited to meet the client needs is selected and/or confirmed in accordance with company procedures and checked to equipment manufacturers' specifications.

3.2 Resources required to assist with the project are identified, arranged and/or confirmed, and notified in accordance with company procedures and job specifications.

Range type and capacity of crane, types and capacities of lifting equipment, miscellaneous resources including operators, assemblers, dogmen, riggers.

3.3 Equipment inventory for execution of the crane is drawn up in detail in accordance with company procedures.

**Outcome 4**

Obtain regulatory permits, prepare site, and move crane.

**Evidence requirements**

4.1 Regulatory permits are obtained in accordance with statutory requirements relating to the plan, task, site, and navigation routes assessment.

Range traffic control, electricity supply, telecommunications, Department of Labour.

4.2 Site is prepared to allow assembly and appropriate positioning in accordance with company procedures, equipment manufacturers' requirements, and HSE Act Codes of Practice.

Range access, site plan, levelling, obstructions, effective crane radius.

4.3 Crane components and equipment identified for the task are prepared and transported to site in accordance with equipment manufacturers' requirements and company procedures.

Range handling, dunnage, storage, load security, pilot requirements.

4.4 Delivery documentation is completed in accordance with company procedures.

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<b>Planned review date</b>	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	9 April 1995	30 June 2013
Review	2	22 May 1997	30 June 2013
Review	3	27 March 2000	30 June 2013
Revision	4	14 October 2004	30 June 2013
Review	5	20 June 2006	30 June 2013
Review	6	15 March 2012	N/A

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

0025

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.