

Title	Plan and implement a maintenance schedule for tower cranes		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to plan and implement a maintenance schedule for tower cranes.
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Classification	Cranes > Crane Maintenance and Servicing
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	Unit 3788, <i>Demonstrate knowledge of crane types, and safe practices required in the crane industry</i> , or demonstrate equivalent knowledge and skills.

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 Crane Association of New Zealand (Inc), PO Box 25 156, Panama Street, 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

Plan and implement a maintenance schedule for tower cranes.

Range undercarriage, tower system, slew system, cab and/or controls, tower head or A-frame, counter jib or machinery deck, jib, hook, ropes, sheaves, drive limits.

Evidence requirements

- 1.1 Timing of crane maintenance is reviewed against past, known work patterns, current crane requirements, and personnel availability.
- 1.2 Maintenance schedule is drawn up in accordance with manufacturer's recommendations and company procedures.
- 1.3 Maintenance is implemented in accordance with the planned maintenance schedule and is documented in accordance with company procedures.
- 1.4 Non-scheduled maintenance outside the planned maintenance schedule is documented in accordance with company procedures.
- 1.5 Maintenance schedules impacted upon by non-scheduled maintenance are amended, as applicable, in accordance with 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	9 April 1995	30 June 2013
Review	2	22 May 1997	30 June 2013
Review	3	27 March 2000	30 June 2013
Review	4	20 June 2006	30 June 2013
Review	5	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.