

Title	Use a cab controlled gantry crane to lift and place regular loads		
Level	3	Credits	2

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – demonstrate knowledge of using a cab controlled gantry crane; – use a cab controlled gantry crane to lift and place regular loads; and – carry out daily and weekly operator maintenance of a cab controlled gantry crane.
----------------	--

Classification	Cranes > Crane Operation
-----------------------	--------------------------

Available grade	Achieved
------------------------	----------

Prerequisite	Unit 3800, <i>Use a radio remote or pendant controlled gantry crane to lift and place regular loads</i> , or demonstrate equivalent knowledge and skills.
---------------------	---

Guidance Information

1 Definitions

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

Gantry crane – one of a group of cranes collectively known as gantry cranes that generally have an overhead beam as a main part of their structure.

Industry good practice – practice that meets the requirements of the Approved Code of Practice for Cranes, Approved Code of Practice for Load-lifting Rigging, and the Crane Safety Manual.

Regular loads have the following characteristics – uniform weight distribution; concentric loading or regular proportions; known lifting points; repetitively lifted.

2 Assessment

- Assessment must be carried out in a crane workplace or other non-simulated environment. Non-simulated environment means; working with the skill sets required in authentic experience in an organisational context, with commercial competence and the expectations and possible consequences of that context.
- Assessment must involve a minimum of two different assessor observed lifts.

3 All tasks are to be carried out in accordance with the equipment manufacturer requirements, applicable company procedures, and industry good practice found in the following sources:

- a company quality management systems;

- b requirements and guidelines consistent with the Health and Safety at Work Act 2015;
- c equipment manufacturer operating instructions;
- d government and local government legislation, regulations, and bylaws;
- e *Crane Safety Manual*, version 3 or higher, available from <http://shop.cranes.org.nz/>;
- f *Approved Code of Practice for Cranes* available from <http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of using a cab controlled gantry crane.

Performance criteria

- 1.1 Demonstrate knowledge of the operation of, and hazards associated with, a cab controlled gantry crane.

Range may include – twin hoist or twin gantry for specific workplaces that have these available.

Outcome 2

Use a cab controlled gantry crane to lift and place regular loads.

Performance criteria

- 2.1 Identify and implement controls to lower any identified risks, and foreseeable hazards.

Range may include but is not limited to – access, obstructions, field of vision, travel route, unauthorised people, insecure loads, unstable loads, unknown loads, type of load.

- 2.2 Confirm any person directing lifts, and the communication methods to be used during lift operation.

- 2.3 Confirm load has been slung.

- 2.4 Access and operate a cab controlled gantry crane to lift, travel, and unload or place regular loads in response to recognised overhead crane hand signals and radio communication.

Outcome 3

Carry out daily and weekly operator maintenance of a cab controlled gantry crane.

Performance criteria

- 3.1 Carry out daily and weekly crane checks and maintenance.

Planned review date	31 December 2022
----------------------------	------------------

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	31 December 2018
Review	6	28 September 2017	N/A

Consent and Moderation Requirements (CMR) reference	0003
--	------

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

Comments on this unit standard

Please contact The Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.