Trainee Assessment

Use a radio remote or pendant controlled gantry crane to lift and place regular loads

Level 3 | Credits 10

Name (First/Last):	
Company/Employer:	
National Student Number (NSN) *(if known)*:	
Phone:	Email:

TRAINEE LOGBOOK

Introduction

This assessment is for Unit Standard 3800v7 - *Use a radio remote or pendant controlled gantry crane to lift and place regular loads* (Level 3, Credits 10).

A gantry crane has an overhead beam as a main part of their structure.

Before starting the assessment (prerequisite)

Before being assessed for this unit standard you must show your Assessor that you have:

1. Achieved unit standard 30072 – Demonstrate and apply knowledge of slinging regular loads safely

   For example, your NZQA record of achievement with unit standard 30072 listed as achieved.

2. Completed at least 50 hours, or 25 lifts, related to the use of a radio remote or pendant controlled gantry crane to lift and place regular loads under limited supervision.

   You can use your own log book or the Crane Operations log book provided by EarnLearn. Your supervisor must verify your log book as evidence for this assessment.

Confirm that you meet the prerequisites before continuing:

Trainee to Complete	**Tick to Confirm**
I have achieved Unit Standard 30072	☐
I have: • used a radio remote or pendant controlled gantry crane for **at least 50 hours**, or **25 lifts** to lift and place regular loads in the workplace under limited supervision • operated a radio remote or pendant controlled gantry crane • responded to a hand signal while operating a radio remote or pendant controlled gantry crane I am supplying my Crane Operator's log book with any supporting evidence clearly labelled. My supervisor has verified my evidence.	☐

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Identify hazards and controls when operating a radio remote or pendant controlled gantry crane.

Identify **five** hazards when using a radio remote or pendant controlled crane and say what you have done to control this. *(3800 3.1)*

Examples of hazards could be: access, obstructions, field of vision, travel route, unauthorised people, insecure loads, unstable loads, unknown loads, types of loads.

Date:	Load:	Hazard:	How Controlled:

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Carry out checks and maintenance of a radio remote or pendant controlled gantry crane.

Complete the table below to show the regular checks and maintenance you carry out on a radio remote or a pendant controlled gantry crane. Both daily & weekly checks are required.

If you complete daily or weekly check sheets in your workplace you can collect copies of these as evidence for this task. *(3800 5.1)*

Examples of checks could be: ropes damage and lubrication, hook block condition, hook condition and safety latch, warning devices are functioning, controls function, leaks of oil, check that Certificate of Inspection is current.

Daily/Weekly (circle one):	**Date:**	**Check:**
D / W		
D / W		
D / W		
D / W		
D / W		
D / W		
D / W		

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Use a radio remote or pendant controlled gantry crane to lift and place regular loads

This task covers everything you do as a crane operator. You will need to have evidence for a range of different lifts.

You must show that you can:

- Use a radio remote or pendant controlled gantry crane for **at least 50 hours, or 25 lifts** to lift and place regular loads.

You can use your log book as evidence. Either mark the lifts that you are using as evidence in your log book or use the table below to list the tasks you completed and assign them to a job in your log book.

(16617 short course requirement)

I am:	Tick One:
Supplying my log book with evidence clearly labelled	☐
Completing the table on the next page(s)	☐

Crane Operations			
Task	**Recorded in log book**	**Hours for lift**	**Lift**
For example: site description, load description, communication	*Date: 06/07/17* *Site Location: Royal House*	*3*	
1.			
2.			
3.			
4.			

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Task	Recorded in log book	Hours for lift	Lift
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			

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Task	Recorded in log book	Hours for lift	Lift
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			

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Supervisor checklist and sign off

I have seen and verified all the evidence provided for this assessment. I confirm that the trainee:	Tick:
Trainee has completed the minimum of either **25 lifts or 50 hours** of safe gantry crane operation.	☐
Demonstrated safe and correct working practices throughout.	☐
Identified hazards and controls when operating a radio remote or pendant controlled gantry crane. *(3800 3.1)*	☐
Operated a radio remote or pendant controlled gantry crane. *(3800 3.1 – 3.4, 4.1 – 4.4)*	☐
Responded appropriately to hand signals while operating a radio remote or pendant controlled gantry crane. *(3800 3.5)*	☐
Carried out checks and maintenance of a radio remote or pendant controlled gantry crane. *(3800 5.1)*	☐

Supervisor Sign:		**Date:**	
Supervisor Name:			
Email and Phone:			
Company:		**Role:**	
Supervisor's Comments (must be completed):			

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Part 2: Questions

Answer all questions. Note: Ensure all tables are fully completed (for example, if a table has four blank rows, fill in all four rows).

Question 1

Name four hazards and/or potential hazards that can occur when operating a radio remote or pendant controlled gantry crane on site. Briefly describe what you would do to control these hazards. *(3800 1.1)*

Note: You may give your answer for a twin hoist or twin gantry if you use these cranes on-site.

Hazard and/or Potential Hazard	**Control, and how it is implemented:**
1.	
2.	
3.	
4.	

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