



Trainee Assessment

US 3789v9 Sling varied regular loads and safely direct a crane during crane operations (Level 3, Credits 15)

Name (First/Last):

Company/Employer

National Student Number (NSN):
(if known)

Te Pūkenga Number:

Phone Number:

Email:



Te Pūkenga

Use hand signals to communicate with crane operator during a lift

Ask your supervisor to complete the observation checklist below for times when you have used the “backing” hand signal and five other hand signals to communicate with the crane operator during operations. (3789 3.1. 3.2)

Examples of hand signals could be: stop, move slowly, hoist, lower, raise boom/luff, slew, raise the boom and lower the load, travel, use upper boom, finished with crane.

Hand signal observation checklist		
Date/Job	Hand signal used to communicate	Hand signal used correctly (✓)
	Backing	
	Backing	

Supervisor's comments (if needed)

Lift plan

Either supply an existing lift plan that you have used on-site, or use the table below to identify the following items. If you use an existing lift plan, ensure each item is on the plan. (0759 4 /)

Load	Lifting order	Lay down procedure	Crane movement	Lifting equipment	Communication methods used (Hand signals, radio, phone, verbal)	People involved in the lift and their roles

Calculate weight and Centre of Gravity (CoG) of a load, and apply slings and lifting gear

Complete the table below for loads that you have lifted on site. (3789 v2)

What was the load?	Calculated weight (Show your calculations or say where you got the weight from)	Centre of Gravity (Sketch to show CoG)	What crane was used?	What lifting equipment/gear was used?

Supervisor's comments (if needed)	
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Apply packing and dunnage to support/protect loads

Complete the table below for times when you have used packing and dunnage to protect loads.

(3789 4.3)

Date/Job	Load	Packing and dunnage used and how

Identify hazards and controls for load movement

Identify hazards causing load movement and say what you have done to control this using the hierarchy of controls found in the crane safety manual. (3789 4.4)

Examples of hazards could be: swinging loads, crush points, power sources, falling objects, boom strike, structures, failure of lifting points/load, sharp edges, regular and irregular load differences, load support, loose objects on the load, hazardous goods, load security, effects of weather, proximity to others, simultaneous activities.

Date	Load	Hazard	Control

Supervisor's comments (if needed)

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Remove lifting equipment from load safely

Sketch or make a bullet point list of two different times when you removed lifting equipment from a load. Include:

- the date and/or job
- what the load was
- the safety measures you put in place to ensure people were kept safe, and the load and equipment were undamaged. *(3789-1.6)*

Date:

Load:

Safety measures:

Date:

Load:

Safety measures:

Supervisor's comments (if needed)

Direct crane operations

This task covers everything you do as a crane operator. You will need to have evidence for a large variety of different lifts to cover the list below.

- a) Directing cranes capable of slewing and luffing for at least 40 lifts. **Note:** Pendant-controlled and cab-controlled overhead cranes may not be used for practical assessment.
- b) Directing cranes for at least six variations of lifting operations. These could be different sites, cranes, loads, or communication methods.
- c) Directing lifts where the crane operator can see your hand signals.
- d) Directing lifts where the crane operator cannot see you and you use a radio to communicate.

You can use your Crane Operators Logbook to show evidence. You may want to mark these off in different ways in your logbook or you could use the table below to list the tasks you completed and assign them to a job in your logbook. (3789 4.5)

I am:	Tick one
I am supplying my logbook with evidence clearly labelled:	<input type="checkbox"/>
Completing the table below	<input type="checkbox"/>

Crane Operations	
Task	Recorded in logbook
<i>For example: a) crawler crane</i>	<i>Date: 6/07/17 Site Location: Royal House</i>
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Crane Operations	
Task	Recorded in logbook
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	

Crane Operations	
Task	Recorded in logbook
35	
36	
37	
38	
39	
40	

Supervisor checklist and sign off

Supervisor to complete

<p>I have seen and verified all the evidence provided for this assessment. I confirm that the trainee:</p>	<p>Tick</p>
<p>Demonstrated safe and correct working practices throughout.</p>	<input type="checkbox"/>
<p>Used hand signals to communicate. (3789 3.1 3.2)</p>	
<p>Used audible communication including radio, telephone and verbal during crane operations. (3789 3.3)</p>	
<p>Supplied a lift plan. (3789 4.1)</p>	
<p>Calculated weight and Centre of Gravity (CoG) of a load and, applied slings and lifting gear. (3789 4.2)</p>	
<p>Used dunnage and packing to support/protect loads. (3789 4.3)</p>	
<p>Identified hazards and controls for load movement. (3789 4.4)</p>	
<p>Directed crane operations. (3789 3.3 4.5)</p>	
<p>Removed lifting equipment from a load safely. (3789 4.6)</p>	

<p>Supervisor sign</p>		<p>Date</p>	
<p>Supervisor name</p>			
<p>Email and phone</p>			
<p>Company</p>			

<p>Supervisor’s comments (must be completed)</p>
Empty space for supervisor's comments