



Trainee Assessment

Operate a truck loader crane to lift and place
regular loads

Version 6 | Level 3 | Credits 15

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

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Legislation and Safety

It is very important for your own safety and the safety of colleagues and customers that you follow safe and sound practice when completing the work in this assessment, including:

- Company quality management systems
- Health and Safety at Work Act 2015
- Manufacturers' operating instructions
- Government and local government legislation, regulations and bylaws
- Crane safety manual
- Approved Code of Practice for Cranes and/or the Approved Code of Practice for Load-lifting Rigging.

All activities and evidence presented must comply with legislation, policies and procedures, ethical codes, Standards, site/industry practice, and manufacturers' instructions.

Supervisor/Verifier, Assessor or Provider sign-off

- **Verification by Supervisor:** Your workplace evidence must be verified by your supervisor(s).
They may sign off your work as you go along, especially for larger tasks, or work completed over several days. They must complete the verifier sign-off section(s) of this assessment before it is passed to the assessor or provider.
- **Assessment by Assessor:** Your assessor will check your workplace evidence and mark the questions. They will also observe you completing lifts and sign-off the assessment.

Note: Sometimes, your supervisor and assessor may be the same person. If they are different people, your assessor may contact your supervisor(s) to discuss your performance. If you are being assessed by a provider, they may also contact your supervisor(s) to discuss your performance. If you have more than one supervisor for particular jobs, it is important that all supervisors supply their contact details.

Next steps – if you are ready for assessment

1. Fill in the front page of this assessment document with your contact details.
2. Complete the pre-assessment confirmation.
3. Attach record of lifts completed in workplace
4. Have your supervisor complete their section and verify your log book and any other evidence.
5. Answer the questions.
6. Sign the 'Trainee sign off' section.
7. Submit this assessment and all supporting verified evidence to your assessor or provider.
8. The assessor will then guide you through the observations.

Assessment

Part 1: Workplace evidence

Operate a truck loader crane to lift and place regular loads

What you need to do

Provide evidence of at least 80 hours, or 40 lifts, related to the use of truck loader cranes to lift and place regular loads under limited supervision.

Evidence to supply

Your supervisor must verify all evidence and complete the sign-off sections.

1. Completed assessment document
2. Crane Operator's Log Book
3. Any other forms of evidence.

Operate a truck loader 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:

- a) Use a truck loader crane for **at least 80 hours**, or **40 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
I am supplying my log book with evidence clearly labelled:	<input type="checkbox"/>
Completing the table on the next page.	<input type="checkbox"/>

Crane Operations			
Task	Recorded in log book	Hours for lift	Running total hours
<i>For example: site description, load description, communication</i>	<i>Date: 6/07/17 Site Location: Royal House</i>	3	3
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Crane Operations			
Task	Recorded in log book	Hours for lift	Running total hours
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

Crane Operations			
Task	Recorded in log book	Hours for lift	Running total hours
32			
33			
34			
35			
36			
37			
38			
39			
40			

Supervisor checklist and sign off

I have seen and verified all the evidence provided for Unit Standard 16617 assessment. I confirm the trainee:	Tick
<input type="checkbox"/> Demonstrated safe and correct working practices throughout. <input type="checkbox"/> Confirmed communication methods with other people, and operated crane in response to recognised crane hand signals (16617 3.2, 3.10)	<input type="checkbox"/>
<input type="checkbox"/> Identified and documented hazards and controls when using a truck loader crane, including assessing the load to determine that it's within the lifting capacity of the crane . (16617 3.1, 3.3)	
<input type="checkbox"/> Positioned and level truck (park brake applied, stabilisers used, plates, packing) and set up truck loader crane to prepare for slinging the load (16617 3.5) (16617 3.4)	
<input type="checkbox"/> Selected and checked lifting equipment, and slinging load (such as pallet fork, grabs, rotator, slings, spreaders, hooks, clamps, magnets, suction plates, fixed man-cages, ropes, chains. (16617 3.6)	
<input type="checkbox"/> Assessed the lift, the load, equipment, and truck to ensure they are stable for the entire load lifting and placing operation, including checking that the load was free of attachments and restraints while maintaining load stability. (16617 3.7, 3.8)	
<input type="checkbox"/> Lifted, moved, and unloaded or placed regular loads (16617 3.9)	
<input type="checkbox"/> Secured and prepared the truck loader crane for road transport mode, stowed equipment, and completed documentation as required (16617 4.1 – 4.4)	
<input type="checkbox"/> Completed 40 lifting operations or 80 hours, in a truck loader crane with varying operating conditions and lift types.	
<input type="checkbox"/> Carried out daily and weekly operator maintenance as per organisations requirements (16617 5.1)	

Supervisor sign		Date	
Supervisor name			
Email and phone			
Company		Role	

Supervisor's comments

Part 2: Questions

Question 1

In the table below, there are four hazards related to crane operations and a possible control. Draw a line from the potential hazard to match the most appropriate control. (16617 1 1)

Potential Hazard
If the crane is fitted with winches the winch capacity might exceed the structural strength of the crane boom or the winch capacity
Setting the crane up on an incline
The stabiliser cylinder swinging down when opening the snap bolt on manual stow support systems
The truck becomes unstable as the load is taken off

Possible Control
Check manufacturer's instructions for the correct angle of the boom and the maximum safe inclination
Stay clear of the stabiliser rams rotating area
Use the correct parts of line as specified by the crane manufacturer and stay within the rated capacity
Check and readjust (if necessary) the stabiliser cylinders

Question 2

List the things that you need to check for setting up and operating a truck loader crane when you are on-site ready to unload materials. (16617 1.1)

Examples of set up and operation could be: Checking ground conditions for stability, swing area, load limits.

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