

Telehandler operations

RIIHAN309F

Conduct telescopic materials handler operations



Learner Workbook

Knowledge & Practical (Formative assessment)

STUDENT COPY

This resource was developed by



Knowledge areas

1. Plan and prepare for telescopic materials handler operations
2. Conduct telescopic materials handler pre-operational checks
3. Operate telescopic materials handler
4. Attach, secure, lift, carry and place materials
5. Select, remove and fit attachments
6. Relocate the telescopic materials handler
7. Conduct housekeeping activities

SAMPLE

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Definition of a telescopic materials handler





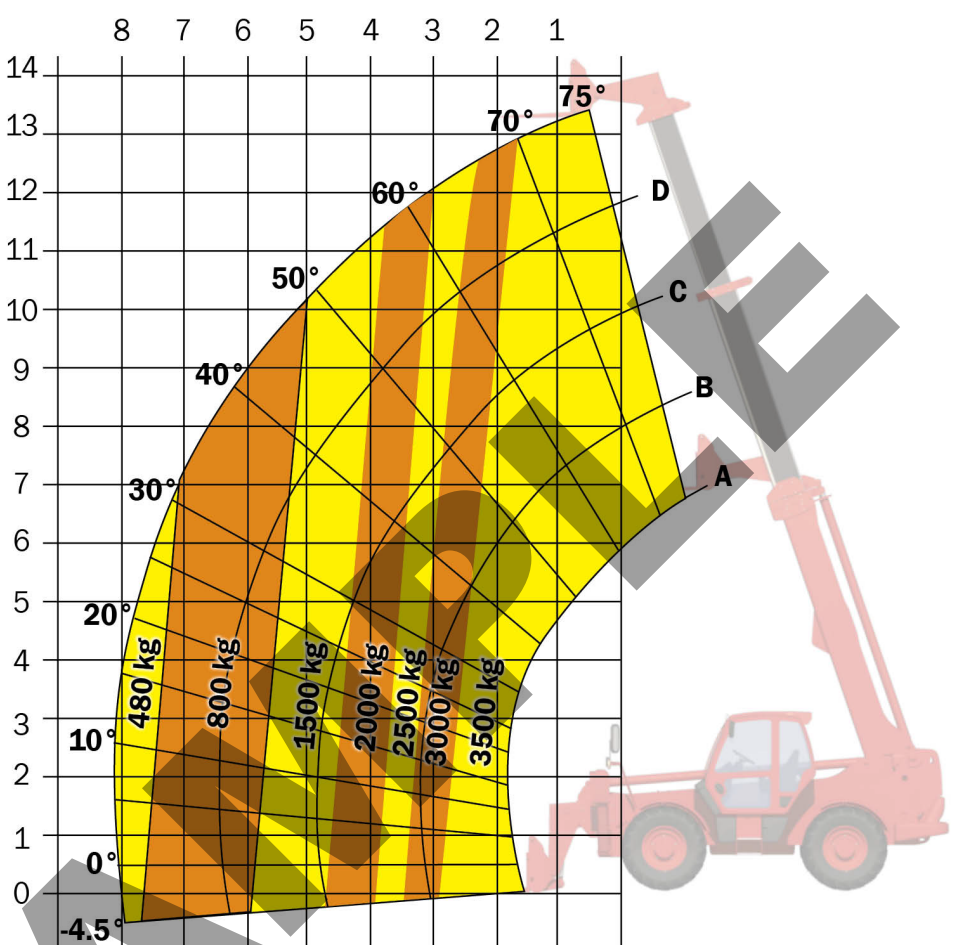
The definition may include:




- A telescopic materials handler (sometimes referred to as a 'telehandler') is a self-propelled wheeled machine with a hydraulically operated telescopic boom assembly. It is a versatile machine due to its manoeuvring capabilities, reach height and the varying types of attachments that may be fitted generally via the integral quick coupler. On some equipment there may also be outriggers fitted.
- Tasks are to include lifting and carrying materials and may include forklift activities and working with front bucket attachments.

Question	PC	Question and answer
8	1.5	<p>(Q) What signs and warnings might you need?</p>  <p>.....</p> <p>.....</p>
9	1.6	<p>(Q) What are some hand tools and attachments you might need?</p>  <p>.....</p> <p>.....</p>

Question	PC	Question and answer
14	2.3	<p>(Q) List three common hazards you might find at a worksite.</p>  <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
15	2.3	<p>(Q) What hazard controls could you use to keep people safe around unstable ground or trenches?</p>  <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>

Question	PC	Question and answer
16	2.4	<p>(Q) You have to lift a load but the ground where you are working is uneven. Can you lift the maximum load shown on the load chart? Give a reason for your answer.</p>  <p>.....</p> <p>.....</p>
17	2.4	<p>(Q) Which way should the load face if you are travelling up or down a slope?</p>  <p>.....</p> <p>.....</p>

Question	PC	Question and answer
		<p>Use this load chart to answer the questions that follow:</p> 
21	3.3	<p>(Q) Use the load chart above. Which of the following is the maximum lifting capacity of the telehandler with the boom at maximum height?</p> <p>A. 2500 kg B. 13 m C. 3000 kg D. 3500 kg</p> <p>..... </p>

Question	PC	Question and answer
25	3.4	<p>(Q) You are choosing a safe path to travel with the load. What should you look for?</p>  <p>.....</p> <p>.....</p>
26	5.2	<p>(Q) How could you find out the speed limit on your worksite?</p>  <p>.....</p> <p>.....</p>
27	3.5	<p>(Q) What height should the load be if you are travelling with the load?</p>  <p>.....</p> <p>.....</p>

Question	PC	Question and answer
28	3.5	<p>(Q) You can't see clearly where to place the load. What can you do?</p>  <p>.....</p> <p>.....</p>
29	3.6	<p>(Q) What should you do when you have finished using a telehandler?</p>  <p>.....</p> <p>.....</p>
30	3.6	<p>(Q) Name 3 ways you can make sure the telehandler is safely parked?</p>  <p>.....</p> <p>.....</p>

Practical assessment

Note: Some of the items in this assessment may not be relevant to the machine, equipment or work area where you are being assessed. Your assessor will mark these items N/A (not applicable).



The assessor must be satisfied the candidate has successfully demonstrated each element and performance criteria contained in the Unit of Competency.

It is the assessor's responsibility to decide if the candidate has competently demonstrated a skill. The assessor may question a candidate further if their demonstration needs clarification.



Practical assessment instructions

Practical assessment should be performed in a normal working environment where possible. However, under some circumstances may occur in a simulated work environment (refer to assessment conditions for further information).

The Assessor must:

- Clearly explain to the candidate what is expected of them
- Check that the candidate has been provided with the necessary tools and equipment
- Complete checklists as the candidate goes through the tasks
- Only question a candidate during a practical task if it is safe to do so
- Stop the assessment immediately if the candidate is doing something dangerous
- Stop the assessment immediately if the machine or objects are likely to be damaged
- Inform the candidate of the result of the assessment

If an assessor needs to stop the assessment because of danger or possible damage, the candidate must be marked as not yet competent. If the assessment is stopped, further training would need to take place before a re-assessment can be undertaken.

1 - A

Prepares for work (PC 1.1, 1.2, 1.4, 1.7)

- Fits correct PPE for the task/s of the job
- Obtains and reads work requirements
- Identifies location of site & emergency policies and procedures
- Checks environmental management plan (if applicable) or other environmental management requirements.
- Obtains and checks communication equipment (if required)

1 - B

Plan a safe path to, from and at the work area (PC 1.3, 1.5)

- To the work area
- Where the loads will be moved
- Sets up traffic control if needed

1 - C

Inspects the work area and identifies hazards (PC 1.3)

- Checks for other people in the area
- Checks for dangerous materials such as chemicals
- Checks for underground services such as water, electricity, gas

- Checks for recently filled trenches
- Checks for overhead or underground power lines
- Checks for trees
- Checks for overhead service lines
- Checks for bridges for height and load limit
- Checks for surrounding buildings
- Checks for other equipment in area

Identify site hazards and control measures (PC 1.3)

- Checks if control measures are needed to isolate people from hazards such as trenches
- Checks if control measures are needed to isolate the telehandler from hazards such as powerlines
- Identifies signage that will be needed to control hazards such as hazard warnings
- Checks what personal protective equipment (PPE) will need to be worn

Plant, tools and equipment (PC 1.6)

- Chooses plant, attachments and equipment for the job
- Checks condition of plant, tools and equipment
- Reports and/or fixes faults of plant, attachment and equipment

Assessment Summary – Competency Sign Off

Knowledge and Practical Assessment Summary		Satisfactory	Not Satisfactory
KNOWLEDGE QUESTIONS		<input type="checkbox"/>	<input type="checkbox"/>
PRACTICAL TASKS			
- Plan and prepare		<input type="checkbox"/>	<input type="checkbox"/>
- Conduct telehandler pre-operational checks		<input type="checkbox"/>	<input type="checkbox"/>
- Operate telescopic materials handler		<input type="checkbox"/>	<input type="checkbox"/>
- Attach, secure, lift, carry and place materials		<input type="checkbox"/>	<input type="checkbox"/>
- Select, remove and fit attachments		<input type="checkbox"/>	<input type="checkbox"/>
- Relocate the telescopic materials handler		<input type="checkbox"/>	<input type="checkbox"/>
- Conduct housekeeping activities		<input type="checkbox"/>	<input type="checkbox"/>
Competency:	Not Yet Competent <input type="checkbox"/> Date _____	Competent <input type="checkbox"/> Date _____	
Feedback to be given to candidate:			
Trainer / Assessor signature:	The learner has been assessed as <input type="checkbox"/> Not Yet competent / <input type="checkbox"/> competent in the elements and performance criteria, critical aspects for assessment, required skills and knowledge for this unit and the evidence presented is:		
Date:	<input type="checkbox"/> Authentic <input type="checkbox"/> Valid <input type="checkbox"/> Reliable <input type="checkbox"/> Current <input type="checkbox"/> Sufficient		