

<b>Title</b>	<b>Operate a telehandler on infrastructure works sites</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of telehandlers; prepare for telehandler operations; manoeuvre and control a telehandler on site, lift, carry, and place loads using a telehandler; and complete post-operational procedures for a telehandler.
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<b>Classification</b>	Infrastructure Works > Civil Plant Operation
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Class of driver licence required for the vehicle being driven.
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### Guidance Information

- 1 Legislation and references relevant to this unit standard include: Health and Safety at Work Act 2015, and Health and Safety in Employment Regulations 1995.
- 2 Assessment against this unit standard must take place in a workplace environment and the candidate must be familiar with the type and weight of plant to be used for assessment. Assessment parameters will be dependent on company and site-specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 **Range**  
Telehandler attachment may include – buckets, forks or crane. It does not include an attachment that is towed, e.g. – trailer, hay rake, or similar implement used in an agricultural activity. Operation does not include any slinging or rigging of loads.
- 4 **Definitions**  
*Company requirements* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements applicable to the company or a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.  
*Job instructions* are those given to the operator prior to undertaking a job. They may include site safety instructions, contract drawings, and written memos.  
*Slopes* means terrain that exceeds 20°.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of telehandlers.

#### Performance criteria

- 1.1 Telehandlers and their controls and attachments are described in terms of purpose and function, and correct operation.
- 1.2 Types and weights of telehandlers are described in terms of their capabilities and limitations, and suitability for specific infrastructure works tasks.
- 1.3 Telehandlers are described in terms of their safety features and requirements for safe use.

### Outcome 2

Prepare for telehandler operations.

#### Performance criteria

- 2.1 Job instructions are confirmed in accordance with company requirements.
- 2.2 Attachment is checked for compatibility, and attached and coupled in accordance with company requirements.
- 2.3 Pre-start check of machine is carried out prior to starting work and any required action is taken in accordance with company requirements.  
  
Range machine operation, damage, wear and tear.
- 2.4 A hazard check of site and machine is carried out, and any identified hazards are eliminated or minimised in accordance with company requirements.
- 2.5 Site communication protocols are confirmed in accordance with company requirements.

### Outcome 3

Manoeuvre and control a telehandler on site.

#### Performance criteria

- 3.1 Telehandler is manoeuvred and controlled on site with adequate clearances in accordance with company requirements.  
  
Range working clearances include but are not limited to – overhead wires, underground services, proximity of people and plant, trenching works.

- 3.2 Telehandler is controlled on slopes and cambers in accordance with company requirements.
- 3.3 Telehandler and attachments are manoeuvred with smoothness of movement and machine stability.
- 3.4 Telehandler is controlled in different ground conditions in accordance with company requirements.
- 3.6 When manoeuvring telehandler, survey pegs and settings are preserved at all times.
- 3.7 Machine production is maintained at maximum usage relative to the task and the safety of the operator.

#### Outcome 4

Lift, carry, and place loads using a telehandler.

##### Performance criteria

- 4.1 Telehandler is positioned safely and appropriately to the size of the load, and load is lifted, carried, and placed in accordance with job instructions and company requirements.

#### Outcome 5

Complete post-operational procedures for a telehandler.

##### Performance criteria

- 5.1 Telehandler is shut down safely and secured, and daily maintenance is carried out, in accordance with company requirements.
- 5.2 Telehandler is inspected, and any faults are reported in accordance with company requirements.

<b>Planned review date</b>	31 December 2023
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##### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 June 2007	31 December 2012
Revision	2	18 March 2011	31 December 2016
Review	3	19 February 2015	31 December 2021
Review	4	27 September 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact the Infrastructure ITO [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.