

Title	Operate a telehandler on infrastructure works sites		
Level	3	Credits	20

Purpose	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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Classification	Infrastructure Works > Civil Plant Operation
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Available grade	Achieved
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Prerequisites	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°.

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.

Planned review date	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

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

Comments on this unit standard

Please contact the Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.