

Title	Operate a telehandler		
Level	3	Credits	20

Purpose	People credited with this unit standard are able to: <ul style="list-style-type: none"> – describe the operation of telehandlers; – prepare for telehandler operations; – operate a telehandler on a worksite; – 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 and endorsements required for the vehicle being driven.
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Guidance Information

- 1 Learning and assessment for this unit standard must be in accordance with the following:
 - Health and Safety at Work Act 2015;
 - NZ Gazette, No. 104 – 24 September 2015, Notice Under the Health and Safety in Employment (Pressure Equipment, Cranes, and Passenger Ropeways) Regulations 1999;
 - Approved Code of Practice for Load-lifting Rigging, December 2012;
 - Approved Code of Practice for Operator Protective Structures on Self-Propelled Mobile Mechanical Plant;
 and all subsequent amendments and replacements.
- 2 Definitions

Company requirements refer to 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.

Frame sway refers to the levelling system or outriggers (term depends on the manufacturer) to level the telehandlers after the load is more than four feet off the ground. Good practice designates that operators should not use the frame sway to position the load with the boom elevated.
- 3 This unit standard does not meet the requirements for the Approved Code of Practice for Cranes, Page 47, Part 4: Requirements for persons operating or working with cranes.

Outcomes and performance criteria

Outcome 1

Describe the operation of telehandlers.

Performance criteria

1.1 Telehandlers and attachments are described in terms of purpose, function, and correct operation.

Range may include but is not limited to – controls, stabilisers, boom-limiters, jib attachments, work platforms, buckets, or other manufacturer approved equipment; evidence of at least two attachments is required.

1.2 Telehandlers are described in terms of their capabilities, limitations, and suitability for the chosen task in accordance with the operator manual.

1.3 Telehandlers are described in terms of their safety features and requirements for safe use on the worksite.

Range load charts, stability triangle, frame sway, load moment systems, correct machine for the task, safe operational radius, load indicators, exclusion zones, overload limit devices, site communication protocols, gradient, ground conditions, travelling with a load, reach, height.

Outcome 2

Prepare for telehandler operations.

Performance criteria

2.1 Job task is confirmed in accordance with company requirements.

2.2 Attachments are checked for certification, working load limit (WLL) or rating, and compatibility in accordance with manufacturer's instructions and company requirements.

2.3 Pre-operational and start up procedures are carried out in accordance with company requirements.

Range operator checklist, machine operation.

2.4 A risk assessment for the site is carried out, and any identified site hazards are eliminated or minimised.

2.5 Site communication protocols are confirmed in accordance with company requirements.

Outcome 3

Operate a telehandler on a worksite.

Performance criteria

- 3.1 Telehandler is manoeuvred and controlled on site with attention to adequate clearances, safe positioning, worker and operator safety in accordance with the operator manual and company requirements.
- 3.2 Telehandler is controlled on slopes and cambers or the different ground conditions for the site, in accordance with operating limits, the operator manual and company requirements.
- 3.3 Telehandler and appropriate telehandler attachments are operated in terms of smoothness of movement, machine stability, taking care of on-site assets and equipment, in accordance with the operator manual.

Outcome 4

Complete post-operational procedures for a telehandler.

Performance criteria

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

Planned review date	31 December 2024
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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	31 December 2021
Review	5	25 July 2019	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 Connexis - Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.