Title	**Operate a rotating telehandler with attachments**		
Level	**3**	**Credits**	**10**

Purpose	People credited with this unit standard are able to: – describe the operation of a rotating telehander; – prepare for operation of a rotating telehandler; – operate a rotating telehandler on a worksite; and – complete post-operational procedures for a rotating telehandler.

Classification	Infrastructure Works > Civil Plant Operation

Available grade	Achieved

Prerequisites	Class of driver licence and endorsements required for the vehicle being driven if applicable.

Guidance Information

1 Learning and assessment for this unit standard must be in accordance with the following:
- Health and Safety at Work Act 2015;
- HSWA Section 39 -43 Upstream duties 2015, available at https://www.worksafe.govt.nz/dmsdocument/49417-appendix-5-upstream-duties/latest;
- Approved Code of Practice for Training Operators and Instructors of Powered Industrial Lift Trucks (Forklifts), Aug 1995 https://www.worksafe.govt.nz/dmsdocument/215-acop-training-operators-and-instructors-of-powered-industrial-lift-trucks;
- Approved Code of Practice for Cranes Part 16: other cranes or equipment used as cranes, May 2013, available at Cranes | WorkSafe;
- Approved Code of Practice for Load- Lifting Rigging, December 2012 available at Load-lifting rigging | WorkSafe.

and all subsequent amendments and replacements.

2 Definition
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.

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Outcomes and performance criteria

Outcome 1

Describe the operation of a rotating telehandler.

Performance criteria

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

Range may include but is not limited to – controls, stabilisers, boom-limiters, buckets, jib attachments (on forks), quick hitch jib, tipping bin or other manufacturer approved equipment;
evidence of at least two attachments is required.

1.2 Rotating telehandler is described in terms of its capabilities, limitations, and suitability for the chosen task in accordance with the operator manual.

Range may include but is not limited to – working load limit, load charts, gradient, boom angle, and ground conditions.

1.3 Rotating telehandler is described in terms of its safety features and requirements for safe use on the worksite.

Range may include but is not limited to – digital display, stability control systems, stability triangle, frame sway, load moment systems, safe operational radius, load indicators, exclusion zones, overload limit devices, lock out recovery procedure, site communication protocols, travelling with a load, reach, height and stabiliser/tyre pressure on the ground.

Outcome 2

Prepare for operation of a rotating telehandler.

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.

Range may include but not limited to – Health and Safety at Work Act 2015 (HWSA) section 39-43 upstream duties, components and controls of rotating telehandlers, including the rotating turret, boom and attachments.

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2.3 Pre-operational checks including inspecting the rotating mechanism, hydraulics and safety features of rotating telehandlers and start up procedures are carried out in accordance with company requirements.

Range operator checklist, machine function test, clearance zones and stability considerations.

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

Range may include but is not limited to – job safety analysis (JSA), safe work method statement (SWMS), take 5 safety, safe operating procedures (SOP) and lift plan.

Outcome 3

Operate a rotating telehandler on a worksite.

Performance criteria

3.1 The rotating 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 The rotating turret is controlled on slopes and cambers or the different ground conditions for the site while maintaining stability, in accordance with operating limits, the operator manual and company requirements.

3.3 The rotating telehandler with loads is operated in terms of smoothness of movement, machine stability, taking care of on-site assets and equipment, in accordance with the operator manual.

Range same load placed at two different heights or reach while stabilisers are deployed.

3.4 Rotation malfunction issues are identified and responded to appropriately.

Outcome 4

Complete post-operational procedures for a rotating telehandler.

Performance criteria

4.1 The rotating telehandler is shut down safely, secured, and daily maintenance and lubrication of moving parts are carried out, in accordance with company requirements.

4.2 The components and controls of a rotating telehandler are inspected, and any faults are reported in accordance with company requirements.

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Planned review date	31 December 2030

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 November 2024	31 December 2028
Review	2	26 February 2026	N/A

Consent and Moderation Requirements (CMR) reference	0120

This CMR can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Comments on this unit standard

Please contact the Construction and Specialist Trades Industry Skills Board at info@cstisb.nz if you wish to suggest changes to the content of this unit standard.

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