

Title	Coordinate maintenance operations for forestry infrastructure		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to coordinate maintenance operations for forestry infrastructure.
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Classification	Infrastructure Works > Forestry Earthworks
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Available grade	Achieved
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Prerequisites	Unit 17769, <i>Demonstrate knowledge of general health, safety, and environmental requirements in forestry</i> ; and Unit 22994, <i>Demonstrate knowledge of factors that affect the performance of forestry workers</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

- Learning and assessment within this unit standard must be carried out in an infrastructure forestry earthworks environment and in accordance with the following legislation, guidelines, and codes of practice, as relevant to their role, and any subsequent amendments:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - Heritage New Zealand Pouhere Taonga Act 2014;
 - Resource Management (National Environmental Standards for Plantation Forestry) Regulations 2017 User Guide (2018) (forestry earthworks regulations 22-35), available from <https://www.mpi.govt.nz/>;
 - Approved Code of Practice (ACOP) for Safety and Health in Forest Operations (2012), available from <https://www.worksafe.govt.nz/>;
 - Excavation Safety Good Practice Guidelines (2016), available from <https://worksafe.govt.nz/>;
 - Operator Safety Manual for Earthmoving Machinery 2017, available from <https://civilcontractors.co.nz/>;
 - Plantation Forestry Code of Practice Eliminating Alcohol and Other Drugs from the Workplace (2015), available from <http://www.nzfoa.org.nz/>;
 - New Zealand Forest Road Engineering Manual: Operators Guide 2020, available from <http://www.nzfoa.org.nz/>;
 - Forest Practice Guides 2020, available from <http://www.nzfoa.org.nz/>.

2 Definitions

Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements that may apply across the company or to a specific site. Requirements are documented in the company health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.

Forestry infrastructure in this context refers to completed earthworks and may include roads, tracks, landings, bridges, quarries, water and sediment controls, and signage.

Quality outcomes may refer to health and safety, environmental, technological, economical, performance, productivity, efficiency, and service outcomes.

Relevant documentation may refer to time sheets, photos, emails, audit documentation, risk assessment, hazard IDs, plant hire docket, plant hire book, harvest plan, job prescription.

3 Range

Two different maintenance operations for forestry infrastructure.

Outcomes and performance criteria

Outcome 1

Coordinate maintenance operations for forestry infrastructure.

Performance criteria

- 1.1 Maintenance and priority tasks are confirmed before starting the job, in accordance with company and client requirements.
- 1.2 Scheduling and required standard of onsite maintenance tasks are confirmed before starting the job.
- 1.3 Pre-work and post-work tasks are actioned in terms of meeting maintenance requirements.
- 1.4 Plant is selected in accordance with maintenance requirements.
- 1.5 Maintenance tasks are conducted with minimal impact on the environment.
- 1.6 Adverse conditions and maintenance requirements that impact on quality, safety, and environmental outcomes, are explained, actioned, and reported in accordance with company requirements.
- 1.7 Relevant documentation is completed in accordance with risk assessment, health and safety, and company requirements.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	31 December 2025
Review	2	25 May 2023	N/A

Consent and Moderation Requirements (CMR) reference

0101

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

Comments on this unit standard

Please contact Waihanga Ara Rau Constructure and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.