

Title	Demonstrate knowledge of health and safety management in a commercial forestry operation		
Level	4	Credits	10

Purpose	<p>This unit standard is intended for contractors, crew foremen, health and safety managers, and/or supervisors employed in a commercial forestry operation.</p> <p>People credited with this unit standard are able to demonstrate knowledge of: health and safety in a forestry operation; management of the health of forestry industry workers; induction and supervision procedures relating to health and safety on a forestry worksite; and management of drug and alcohol policy for forestry crew personnel.</p>
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Classification	Forestry > Forest Operations Advanced
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes the Health and Safety at Work Act 2015; and any subsequent amendments.
- 2 References
New Zealand Forest Owners Association, *Drug and Alcohol Code of Practice* (Wellington: 2008), and any subsequent amendments. This is referred to below as the 'Drug & Alcohol Code of Practice' and is available at <http://www.nzfoa.org.nz>.
- 3 Definitions
Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.
Forestry operations include forest establishment, silviculture, harvesting, forest inventory, and forest and crew management.
PCBU – refers to a person conducting a business or undertaking, as defined in the Health and Safety at Work Act 2015.
Psychosocial hazards mean any workplace hazard that affects the mental health of workers, impacting their ability to work in a healthy and safe manner. These hazards include but are not limited to stress, bullying, harassment and violence.
Worksite procedures refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of health and safety in a forestry operation.

Performance criteria

1.1 Health and safety duties are described in accordance with relevant legislation and accepted industry practice.

Range PCBU, contractor, officer, worker, health and safety representative, forestry inspector, visitor, land or forest owner.

1.2 Safety culture is described in terms of the elements that make up the industry 'safety culture tree'.

1.3 Advantages of a positive health and safety culture are explained in accordance with accepted industry practice.

Range three advantages.

1.4 The benefits of training are explained in accordance with accepted industry practice.

Range morale, staff turnover, motivation, production, quality, health and safety, job coverage.

1.5 The process of risk management is explained in accordance with accepted industry practice.

Range includes but is not limited to – hazard identification, risk assessment, risk matrix, hierarchy of controls, risk register.

Outcome 2

Demonstrate knowledge of the management of the health of forestry industry workers.

Performance criteria

2.1 Hazards in the forest industry are described in terms of risk to worker health.

Range may include but is not limited to – noise, vibration, production rates, quality requirements, long hours, weather extremes, environmental conditions, psychosocial hazards, fatigue, drugs and alcohol, inappropriate equipment, poor work method; evidence of six is required.

2.2 A systematic approach for identifying hazards to worker health, and assessing risks to worker health in the forest industry is explained.

2.3 Requirements and methods for monitoring workers' health, assessing exposure to health hazards, and controlling risks are identified and explained for worker health hazards.

Range evidence is required for five worker health hazards.

2.4 The process for reviewing and auditing a risk management plan for risks to worker health is explained.

Outcome 3

Demonstrate knowledge of induction and supervision procedures relating to health and safety on a forestry worksite.

Performance criteria

3.1 Induction procedures relating to health and safety are described in accordance with worksite procedures and accepted industry practice.

Range new staff, contractors, service providers, visitors.

3.2 Supervision procedures relating to health and safety are described in accordance with worksite procedures and accepted industry practice.

Range new staff, ongoing supervision, staff who change roles.

3.3 The process for deeming a worker competent in a specific task is explained in accordance with worksite procedures.

3.4 The process for managing training within a forestry crew is explained in accordance with worksite procedures.

Outcome 4

Demonstrate knowledge of management of drug and alcohol policy for forestry crew personnel.

Performance criteria

4.1 The requirement for a drug and alcohol policy is explained in accordance with the Drug and Alcohol Code of Practice.

4.2 Company policy on drug and alcohol use is explained in accordance with the company health and safety plan.

4.3 Terminology relating to drug and alcohol use is explained in accordance with the Drug and Alcohol Code of Practice.

Range adulteration, alcohol, legal drugs, illegal and restricted drugs, safety sensitive operations.

4.4 Types of workplace drug and alcohol testing are defined in accordance with the Drug and Alcohol Code of Practice.

Range pre-employment, reasonable cause, post-accident and incident testing, random testing, follow up testing.

4.5 The procedure to be followed when carrying out drug and alcohol testing is explained in accordance with the Drug and Alcohol Code of Practice.

4.6 Procedures for dealing with non-compliance with company policy on drug and alcohol use are described in accordance with the Drug and Alcohol Code of Practice.

4.7 The importance of encouraging compliance with company drug and alcohol policy is explained in accordance with the Drug and Alcohol Code of Practice.

4.8 Support methods for crew members identified as being non-compliant with the drug and alcohol procedures are identified in accordance with the Drug and Alcohol Code of Practice.

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	22 May 2008	31 December 2012
Review	2	18 September 2009	31 December 2016
Review	3	19 March 2015	31 December 2017
Review	4	10 December 2015	31 December 2024
Review	5	27 February 2020	N/A
Rollover	6	26 April 2024	N/A

Consent and Moderation Requirements (CMR) reference	0173
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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 Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.