

<b>Title</b>	<b>Demonstrate knowledge of management systems for forestry operations</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to describe the interrelated components of a forestry management system, and describe compliance requirements for forestry management systems.
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<b>Classification</b>	Forestry > Forestry Business Management
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 The following legislation applies to this unit standard: The Health and Safety at Work (HSW) Act 2015, Injury Prevention, Rehabilitation and Compensation Act 2001, Forest and Rural Fires Regulations 2005, Hazardous Substances and New Organisms Act 1996, Resource Management Act 1991, Wild Animal Control Act 1977, Forest and Rural Fires Act 1977, Heritage New Zealand Pouhere Taonga Act 2014 Forests Act 1949, and any subsequent amendments.
- 2 References  
*Environmental Code of Practice* refers to the *New Zealand Environmental Code of Practice for Plantation Forestry* published by the New Zealand Forest Owners Association, available at <http://www.nzfoa.org.nz>.  
 NZS 8409:2004 – *Management of Agrichemicals*, Code of Practice HSNOCOP 3-1, No. 25, September 2004, available from Standards New Zealand as, at <http://www.standards.co.nz>.
- 3 Reference to *Coordinated Incident Management system (CIMS)* in this unit standard refers to a structure established to systematically manage emergency incidents endorsed by the National Joint Agency CIMS Steering Committee. This reference is available from <http://www.civildefence.govt.nz/resources/new-zealand-coordinated-incident-management-system-cims-2nd-edition/>.
- 4 For the purpose of this unit standard, the term *certifying agency standards* refers to the standards of sustainable forest management defined by national and international certifying agencies, including but not limited to the International Organization for Standardization (ISO) and the Forest Stewardship Council (FSC), as are appropriate to the particular forest, or forests, being managed.
- 5 Definitions  
*Accepted industry practice* – approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.

*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.

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## Outcomes and performance criteria

### Outcome 1

Describe the interrelated components of a forestry management system.

### Performance criteria

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| 1.1 | Forest management policy development is described in terms of factors that influence policy development.   |   |
|     | Range  | factors include – industry best practice, organisation strategy, market requirements, certifying agency standards.  |
| 1.2 | Standards in the forest industry are described in terms of how they influence forest management policy.  |   |
|     | Range  | Acts and regulations, Regional and District Plans, Codes of Practice, industry best practice, certifying agency standards.  |
| 1.3 | Factors that influence the allocation of decision-making responsibilities are described in terms of their impact on assigning responsibility to individuals.                 |   |
|     | Range  | organisation management policy, levels of authority and delegation, span of control, location of work operations.   |
| 1.4 | Procedures for monitoring and reporting achievement in key performance areas in the forest industry are described in terms of identifying issues and continuous improvement. |   |
|     | Range  | identifying non-compliance, assessing procedure effectiveness and efficiency, improving provision of information and application.   |
| 1.5 | Procedures for audit of performance against set targets and standards are described in terms of the benefits these procedures can bring to the business.                     |   |
|     | Range  | internal evaluation of performance against standards to meet certification requirements, external evaluation to measure system provision, compliance and organisational efficiency. |

1.6 Corrective action processes and revision of procedures and standards of performance are described in terms of the benefits these processes and procedures can bring to the business.

Range revision where performance fails to meet prescribed standards, revision where performance standards are changed.

**Outcome 2**

Describe compliance requirements for forestry management systems.

**Performance criteria**

2.1 The health and safety management requirements for forestry management systems are described in accordance with Acts, regulations and Codes of Practice.

Range Health and Safety in Employment Act 1992, Approved Code of Practice for Safety and Health in Forest Operations 1999, Injury Prevention, Rehabilitation, and Compensation Act 2001, worksite procedures.

2.2 The fire protection management requirements for forestry management systems are described in accordance with Acts, regulations and Codes of Practice.

Range Forest and Rural Fires Act 1977, Hazardous Substances and New Organisms Act 1996, Forest and Rural Fires Regulations 2005, CIMS, worksite procedures.

2.3 The environmental management requirements for forestry management systems are described in accordance with Acts, regulations and Codes of Practice.

Range Resource Management Act 1991, Forests Act 1949, Wild Animal Control Act 1977, the Heritage New Zealand Pouhere Taonga Act 2014, Hazardous Substances and New Organisms Act 1996, Regional Plans, District Plans, Resource Consents, Codes of Practice, worksite procedures.

2.4 The quality management requirements for forestry management systems are described in terms of setting and monitoring quality compliance standards.

Range customer requirements, product value, forest health and sustainability, standards required by accredited quality systems, worksite procedures.

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<b>Planned review date</b>	31 December 2022
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	7 August 1995	N/A
Review	2	27 May 1998	N/A
Review	3	27 May 2002	N/A
Review	4	16 October 2009	N/A
Revision	5	16 July 2010	31 December 2017
Review	6	10 December 2015	N/A
Rollover and Revision	7	28 May 2020	N/A

**Consent and Moderation Requirements (CMR) reference**

0173

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

**Comments on this unit standard**

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.