



Australian Government

FWPCOT5215 Apply innovative thinking to support forestry best practice

Release: 1

FWPCOT5215 Apply innovative thinking to support forestry best practice

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to facilitate innovative thinking and best practice in forestry organisations.

It applies to individuals whose job roles involve overseeing work teams, business areas or processes who may use innovative thinking and practice to advance business objectives and promote best practice in forestry operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify opportunities to stimulate innovative thinking	1.1 Research methods and techniques for promoting innovative thinking in works teams and organisations 1.2 Analyse operational issues as a stimulus for innovative thinking

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify opportunities to apply innovative thinking to operational issues 1.4 Apply workplace methods and tools for generating new ideas and new responses to operational issues
2. Develop and support a culture of innovation	2.1 Provide written and oral information about innovative practices, processes and products 2.2 Provide opportunities to encourage creative thinking techniques that foster personal and team innovation 2.3 Capture and share innovative ideas and practices 2.4 Foster consultation, communication and team development approaches that support innovative thinking 2.5 Implement management strategies that support a workplace culture of innovation
3. Implement an innovation to support forestry best practice	3.1 Clarify and confirm the need for innovation 3.2 Develop a concept proposal for an innovation to support forestry best practice 3.3 Seek support and approval for concept proposal according to workplace procedures 3.4 Prepare a project plan for the innovation, documenting project stages, tasks, risks, stakeholder engagement, milestones and resources required to develop, implement and evaluate the innovation 3.5 Coordinate the trial of the innovation 3.6 Analyse and report feedback on the trial to appropriate personnel 3.7 Establish action plan for implementing the innovation 3.8 Implement innovation, monitor progress and provide reports to appropriate personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Analyse complex workplace documents to identify operational issues and conditions relevant to innovative workplace practice
Writing	Prepare written information for a range of audiences about innovative practices, processes and products
Oral communication	- Hold consultative discussions with operational personnel to explore issues and generate ideas for innovative workplace practice - Use appropriate language and communication skills to facilitate discussions with diverse audiences
Numeracy	Extract and interpret complex numerical and statistical data to assess the need for and impact of an innovation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT5215 Apply innovative thinking to support forestry best practice	FWPCOT8101 Lead forest and wood products industry innovative thinking and practice	Redesigned unit that includes content from FWPCOT8101 Lead forest and wood products industry innovative thinking and practice, FWPCOT8102 Initiate and lead a forest and wood products industry innovation, FWPCOT6208 Manage innovative thinking and practice in the forest and wood products industry, and FWPCOT6209 Manage forest and wood products industry research	Not equivalent
FWPCOT5215 Apply innovative thinking to support forestry best practice	FWPCOT8102 Initiate and lead a forest and wood products industry innovation	Redesigned unit that includes content from FWPCOT8101 Lead forest and wood products industry innovative thinking and practice, FWPCOT8102 Initiate and lead a forest and wood	Not equivalent

		products industry innovation, FWPCOT6208 Manage innovative thinking and practice in the forest and wood products industry, and FWPCOT6209 Manage forest and wood products industry research	
FWPCOT5215 Apply innovative thinking to support forestry best practice	FWPCOT6208 Manage innovative thinking and practice in the forest and wood products industry	Redesigned unit that includes content from FWPCOT8101 Lead forest and wood products industry innovative thinking and practice, FWPCOT8102 Initiate and lead a forest and wood products industry innovation, FWPCOT6208 Manage innovative thinking and practice in the forest and wood products industry, and FWPCOT6209 Manage forest and wood products industry research	Not equivalent
FWPCOT5215 Apply innovative thinking to support forestry best practice	FWPCOT6209 Manage forest and wood products industry research	Redesigned unit that includes content from FWPCOT8101 Lead forest and wood products industry innovative thinking and practice, FWPCOT8102 Initiate and lead a forest and wood products industry innovation, FWPCOT6208 Manage innovative thinking and practice in the forest and wood products industry, and FWPCOT6209 Manage forest and wood products industry research	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT5215 Apply innovative thinking to support forestry best practice

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has completed each of the following activities within a business area of a forestry industry organisation:

- analysed and applied innovative thinking and practices to one operational issue
- shared information about one innovative idea with professional colleagues and facilitated consultative and communicative approaches to encourage innovative thinking
- consulted with the management on one innovation idea, created a project plan, coordinated activities according to the plan and monitored and reported on innovation outcomes to management.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- key concepts and theories relating to innovative thinking
- processes for fostering and stimulating innovation in forestry organisations:
 - processes for promoting innovative thinking and practice within an individual business area
 - specific management approaches that foster innovation
 - workplace methods and tools for generating new ideas and innovative thinking
 - technological developments affecting need for innovation
- innovation risks and challenges:
 - typical operational challenges and barriers to innovation within individual business areas, and methods to overcome
 - common risks associated with encouraging operational personnel to participate in innovative practice
- innovation requirements:

- need
- identifying and prioritising opportunities for innovation
- objectives
- deliverables
- quality standards
- resources
- building support for innovation
- learning from innovation efforts
- methods used to trial innovations:
 - focus group
 - pilot project
 - feasibility assessment
- project management:
 - planning
 - stakeholder engagement
 - risk management strategies
 - implementation and monitoring
 - reviewing outcomes.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - research material, reports, journals on organisational innovative practice
 - workplace tools for generating new ideas and innovative thinking
- specifications:
 - workplace policies and procedures for supporting and approving innovative projects.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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