



Australian Government

FWPCOT5201 Implement sustainable forestry practices

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT5201B Implement sustainable forestry practices which was first released with FPI11 Forest and Forest Products Training Package Version 2.

Application

This unit of competency describes the outcomes required to prepare and implement environmentally sustainable forest industry practices. It requires an ability to undertake consultative and audit processes to assess the effectiveness of environmental management strategies and to identify areas for change, or improved practice. Work is completed in a forest, equivalent or other suitable setting.

The unit applies to job roles including Community Liaison Officers, Designer (Manufacturing and Engineered Wood Products), Environmental Planners and Managers, Forest Auditor or Forest Planner, Forest Sustainability Manager, Forestry Manager, General Manager, Plantation Manager, Sustainability Manager, Technical Forester, Technical Services Officer, Technical Services Manager and Value Recovery Officer.

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

Pre-requisite Unit

Nil.

Unit Sector

Common Technical

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Implement	1.1 Develop and implement environmentally sustainable

ELEMENTS	PERFORMANCE CRITERIA
environmentally sustainable forest management strategies	strategies for forest management. 1.2 Use consultative processes to negotiate and agree on strategy processes, objectives and timelines. 1.3 Assess strategies for effectiveness in reducing waste disposal. 1.4 Revise strategies to ensure ongoing improvements.
2. Manage integrity of water bodies	2.1 Determine appropriate strategies to manage integrity of water bodies in order to protect flora, fauna, culturally significant landscapes, natural or anthropogenic formations and constructions 2.2 Source and use water from locations other than mains water in line with organisational guidelines. 2.3 Manage and optimise use of run-off water and minimise pollutants. 2.4 Develop planting strategies to effectively and appropriately use available water supply and manage run-off.
3. Manage integrity of soil	3.1 Determine appropriate strategies to manage integrity of soil in order to protect flora, fauna, culturally significant landscapes, natural or anthropogenic formations and constructions 3.2 Minimise wind and water erosion by using appropriate species and planting patterns. 3.3 Manage nutrients and texture of the soil to maintain soil productivity. 3.4 Maintain soil integrity in line with rainfall, irrigation and water strategies in place.
4. Complete environmental audit	4.1 Determine need for an environmental management audit 4.2 Conduct environmental management audit in line with organisational policies and procedures. 4.3 Cover all environmental considerations relevant to site operations. 4.4 Report audit outcomes and develop detailed and verifiable recommendations for improvements to environmental protection practices.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	Analyse quantitative information and data.
Oral communication skills to:	Hold high-level consultative discussions to generate ideas for and negotiate content of environmental management strategies.
Writing skills to:	Prepare audit reports where precise meaning is required and rationale for recommendations is justified.
Technology skills to:	Use a computer, keyboard and software to prepare audit reports.

Unit Mapping Information

FPICOT5201B Implement sustainable forestry practices

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>