



Australian Government

**Assessment Requirements for
FWPCOT3255 Apply silvicultural
principles**

Release: 2

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Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- application of appropriate industry-accepted silvicultural principles including:
 - slash or harvesting residue burning
 - scarification
 - enhancement planting or supplementary planting
 - fertilisation
 - thinning
 - pruning
 - waste thinning and non-commercial thinning
 - commercial thinning
 - harvesting
 - gapping
- follow organisational policies and procedures relevant to implementing and monitoring sustainable silvicultural principles
- monitor and maintain sustainable silvicultural activities
- identify and report non-compliant work practices
- complete relevant workplace reports.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- principles, policies, procedures and requirements relevant to silviculture operation including the following:
 - environment protection and biodiversity conservation
 - silviculture codes and guidelines
 - ecological sustainability
 - environmental planning and assessment
 - threatened species conservation
 - critical habitat register
 - native vegetation
 - federal, state or territory forestry legislation and local government regulations
 - native forest legislation
 - specific site environmental management plans
 - relevant codes of practice, including Safe Work Australia code of practice 'Managing Risks in Forest Operations'
 - water catchment management
 - surface and ground water conservation requirements
 - relevant Australian and industry standards
 - hazard reduction policy and procedures
 - reforestation codes
 - fisheries and fish passage
 - National Parks and Wildlife legislation
 - good neighbour policies
 - duty of care
 - heritage and traditional landowner requirements
- environmental protection requirements and minimal impact strategies to support the implementation of silviculture practices
- growth habits of specific species under soil and environmental conditions
- regeneration requirements of plant species being managed
- soil conservation and erosion mitigation techniques and their advantages and disadvantages for specific sites and habitats
- the conditions that can alter or change and therefore require different silvicultural practices to protect the environment, including:
 - recently declared or potentially rare and endangered species identified
 - unexpected flora or fauna encountered
 - new or potential habitat
 - ecology or ecosystem changes
 - undergrowth and ground cover
 - canopy
 - environmental features
 - operational conditions
 - ground conditions

- weather conditions
- wind
- dust
- smoke
- fire
- cultural sensitivity
- forest type
- land tenure
- quality of roads and tracks
- effective communication procedures and protocols
- procedures for recording and reporting workplace activity.

Assessment Conditions

The following resources must be made available:

- forest operations site
- workplace requirements and site standards for applying silvicultural principles
- resources outlining the principles, policies, procedures and requirements for applying silvicultural principles
- relevant personnel for the purposes of communicating information

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

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