



Australian Government

Assessment Requirements for FWPSIL4005 Plan for and coordinate a stand health and nutrition program

Release: 1

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Modification History

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

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 planned, coordinated the implementation and reviewed and reported on the outcomes of one stand health and nutrition program.

In undertaking this activity, the individual has:

- developed and implemented a stand health and nutrition program that includes:
 - relevant policies and procedures
 - budgets
 - timelines
 - resources (people, materials, equipment)
 - activities and tasks
 - performance indicators
- followed workplace policies and procedures for managing the health and nutrition of one stand of trees
- monitored the implementation of the stand health and nutrition program
- identified problems with stand health and nutrition, including nutritional deficiencies in target species, and recommended suitable remedial strategies
- ensured compliance with workplace procedures and safety and environment protection requirements
- reviewed and reported on the outcomes of the stand health and nutrition program.

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:

- stand health and nutrition requirements, indicators and treatment of the target species, including:
 - stress problems

- pests and diseases, including insects, fungal, bacterial, viral, birds and animals
- structural
- storm damage
- root damage
- gassing
- compaction
- incineration
- nutritional deficiencies in target species, and remedial strategies
- chemical
- competition
- poor draining
- vandalism
- salt
- drought
- procedures for identifying and evaluating structural defects in trees
- methods to identify pests, diseases and physiological damage to trees
- methods to manage tree pests and diseases
- methods of collecting and storing specimens for identification
- methods to improve stand health, including:
 - application of fertilisers
 - application of pesticides and herbicides
 - pruning techniques
 - competition management techniques
 - browsing control techniques
- environmental protection requirements for the site or setting
- relevant approvals, including where:
 - the use of chemicals or biological agents is intended
 - browsing control techniques may impact on neighbouring properties
 - consideration of environmental sustainability issues apply
- workplace health and safety policies and procedures
- budgets and planning tools.

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:
 - a forest area to implement stand health and nutrition program

- specifications:
 - workplace safety and environmental policies and procedures applicable to forestry operations
 - workplace policies and procedures relevant to planning and coordinating stand health and nutrition.

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

Links

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