



Australian Government

Assessment Requirements for FWPFGM4202 Manage stand health

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM4202B Manage stand health, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including 'Required Skills and Knowledge, Evidence Guide and Range Statement

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:

- follow organisational policies and procedures for the management of stand health
- develop a program for the management of stand health that includes:
 - reference to organisational policies and procedures
 - plans
 - budgets
 - timelines
 - resources, including people, material and equipment
 - disposal methods, including burning, burying and chemical destruction of vegetation waste
- coordinate workers and activities to ensure stand health
- identify factors that may affect stand health and develop effective treatments to address these issues
- manage a budget for stand health
- develop and achieve targets and measures for stand health
- monitor implementation of the stand health program including the following checks:
 - that WHS procedures, practices, policies and precautions are observed and followed
 - that site environmental requirements and relevant commonwealth, state or territory, and local legislation and regulations are followed
 - that performance indicators, targets and specifications are met

- that quantity, cost and provenance information is collected in line with plan specifications
- that required organisational documentation is completed clearly and accurately
- review and report on the outcomes of stand health program.

Knowledge Evidence

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

- health 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
 - nutrient deficiencies
 - 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 for analysing the nutritional status of trees
- 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
 - consideration of environmental sustainability issues
- environmental protection requirements for the site or setting
- relevant approvals including where:
 - the use of chemicals or biological agents is intended
 - browsing control techniques that may impact on neighbouring properties

- consideration of environmental sustainability issues apply
- WHS policies and procedures
- budgets and planning tools

Assessment Conditions

The following resources must be made available:

- relevant policies and procedures for the management of stand health
- a stand of trees and the relevant health requirements
- PPE suitable for managing stand health
- 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>