



Australian Government

Assessment Requirements for FWPFGM2213 Process seed

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent FPIFGM2213B Process seed, 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:

- apply effective methods to treat seed, including fungicides and cleaning
- test, package and store seed species using:
 - vacuum sealing
 - use of inert atmospheres, including nitrogen and carbon dioxide
 - control of packing environment, including temperature, light and moisture
- operate and maintain seed processing equipment including electric and manual scales, packaging material, seed cleaning machine, seed lot mixing device, lifting equipment
- separate seeds, using one or more of the following methods:
- hand selection
 - wind separation and winnowing
 - sieving
 - vibrating
 - flotation
 - drying
 - crumbling of husks
- despatch seed in line with seed request specifications, including:
 - seed species

- percentage of seed mix
- pure graded seed
- rate of sown
- dispatch container
- method of dispatch
- sowing equipment to be used
- record seed processing information and results and maintain workplace information

Knowledge Evidence

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

- using seed material effectively and efficiently
- types of seed processing tools and equipment, including electric and manual scales, packaging material, seed cleaning machine, seed lot mixing device, lifting equipment
- seed separation methods and their uses including:
 - hand selection
 - wind separation and winnowing
 - sieving
 - vibrating
 - flotation
 - drying
 - crumbling of husks
- impact and application procedures of seed treatments including fungicides and cleaning
- hazards associated with the storage, treatment and despatch of seed
- seed species and treating, packaging and storage processes
- seed treatments and storage requirements for different seed species
- types of diseases and pests likely to infect the species
- problem identification and resolution strategies, and common fault finding techniques when processing seed
- appropriate mathematical procedures for estimating and measuring, including calculating time to complete tasks when processing seed
- workplace procedures for recording and reporting workplace records and seed information including:
 - species
 - time and date of harvest
 - time and date of receipt into the store
 - place or origin of seed
 - container identifier
- packaging including:
 - vacuum sealing
 - use of inert atmospheres, including nitrogen and carbon dioxide

- control of packing environment, including temperature, light and moisture
- request specifications including:
 - seed species
 - percentage of seed mix
 - pure graded seed
 - rate of sown
 - dispatch container
 - method of dispatch
 - sowing equipment to be used
- appropriate container criteria:
 - length of time seed will be stored
 - method to be used to transport seed
 - equipment to be used for sowing seed
 - quantity of seed
 - size of individual seeds

Assessment Conditions

The following resources must be made available:

- workplace location or simulated workplace, required to treat, store and despatch seed.
- materials and equipment relevant to undertaking seed processing work applicable to this unit equipment, including electric and manual scales, packaging material, seed cleaning machine, seed lot mixing device, lifting equipment
- specifications and work instructions
- personal protective equipment suitable to process seed
- safety equipment
- 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>

