



Australian Government

Assessment Requirements for FBPGRA3014 Implement a rice seed preparation and storage system

Release: 1

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Modification History

Release	Comments
Release 1	This version released with the FBP Food, Beverage and Pharmaceuticals Training Package Version 1.0

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.

There must be evidence that the individual has implemented a rice seed preparation and storage system for at least three rice grain varieties, including:

- accessed and interpreted workplace information to identify seed preparation and storage requirements
- confirmed availability of necessary seed handling and storage equipment and related attachments, materials and services
- followed workplace health and safety procedures
- followed workplace food safety procedures
- monitored the seed preparation and storage process and equipment operation to identify out-of-specification results or non-compliance, including:
 - maintaining seed segregation
 - collecting seed samples
 - recording information
 - testing seeds
- diagnosed common faults, and rectified or reported equipment failure within level of responsibility and according to workplace procedures
- taken corrective action in response to out-of-specification results or non-compliance
- calculated seed requirements for planting
- maintained work area to meet housekeeping standards
- maintained workplace records.

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:

- purpose and basic operating principles of the seed preparation and storage process

- seed varieties and related treatments, including:
 - cleaning
 - handling
 - storage requirements
- rice seed varieties, market demand and availability
- methods to identify and separate weed seeds and contaminants from seed stock
- optimal storage/germination conditions and how these can be achieved
- seed pests and related control measures
- sources of purchased seed
- sampling and testing procedures
- methods used to calculate seed requirements
- methods of measuring rice condition and controlling the handling and storage conditions
- common causes of variation in rice quality/handling/storage practice, and corrective actions required
- significance and methods of monitoring control points within the seed storage and preparation process
- operation and monitoring of equipment and processes, including control panels and systems
- workplace health and safety hazards and controls
- procedures and responsibility for reporting performance information
- seed preparation and storage process and equipment, including:
 - taking samples and conducting tests
 - monitoring conditions, including, moisture, humidity and temperature of storage facilities
 - effectiveness of measures to prevent pest infestation
- workplace procedures, regulatory and licensing requirements for seed preparation and storage
- legislation relevant to this industry, including:
 - food standards code, including, labelling, weights and measures, and food safety
 - agricultural seed
 - environmental management
 - work health and safety
 - anti-discrimination and equal opportunity
- seed preparation and storage equipment, including:
 - transfer equipment
 - weighers
 - storage bins
- seed improvement measures, including:
 - roguing of off-types and undesirable weeds
 - grading out weed seeds, small grains and other impurities
- sales, packaging and transport of rice for agricultural purposes, including:

- sales and delivery procedures and documentation
- packaging methods
- transport methods and arrangements
- seed testing, including:
 - purity testing
 - grain size
 - viability
- cleaning requirements and cleaning records.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - an industrial rice processing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective clothing and equipment
 - seed control system
 - seed preparation, handling and storage equipment
 - cleaning materials and equipment
- specifications:
 - work procedures, including advice on safe work practices, food safety, quality and environmental requirements
 - information on equipment capacity and operating parameters
 - equipment operating instructions and manuals
 - sampling schedules and test procedures and equipment
 - documentation and recording requirements and procedures
 - communication and recording systems and procedures
 - cleaning procedures, records/clearance
 - production schedule
 - routine preventative maintenance schedule as required.

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=78b15323-cd38-483e-aad7-1159b570a5c4>