



Australian Government

Assessment Requirements for FBPGRA4003 Manage mill logistics and support services

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package version 1.0.

Performance Evidence

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

There must be evidence that, on at least one occasion, the individual has:

- determined mill requirements for logistics and services, including:
 - stock control
 - transport and storage
 - blending
 - packing and despatch
 - security
 - pest control
- analysed flow of operations
- assessed requirements and capacity to support each stage of production
- assessed operator training for product testing
- specified grain divisions on receipt to suit later blending requirements
- scheduled flour blending to suit customer requirements and transport logistics
- assessed equipment and storage areas for dust control risks
- related rate of production to storage capacity
- identified requirements of mill customers and determined if orders are to be directly filled or met out of storage
- identified non-standard storage and despatch requirements
- supervised blending procedures to ensure customer requirements are met
- assessed risks and hazards in the workplace
- evaluated and established processes and procedures
- supervised despatch procedures
- ensured compliance with regulations and environmental guidelines
- established pest reporting and treatment recording procedures
- managed pest and dust control techniques in a mill

- accessed and used mill control system
- established procedures for on-site access for contractors.

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:

- methods of storing and handling grain, flour, bran and by-products
- temperature and moisture-testing techniques for grain storage bins and silos
- dust control techniques
- dust explosion relief systems and equipment
- fire warning and control techniques
- flour blending techniques and equipment
- flour milling process, including purpose of the break and reduction systems
- advantages and disadvantages of volumetric, batch and on-line flour blending techniques
- usage requirements and formulas for additives and adjuncts
- types of warehouse control and information systems
- equipment used in flour blending, including:
 - weighers
 - mixers and homogenisers
 - pneumatic and mechanical feeders and conveyors
 - magnets, sifters and exhausts
- identification characteristics for pest insects, rodents and birds
- signs of insect and rodent infestation
- strategies to eliminate or reduce pests
- optimum treatments for insect, rodent and bird infestations
- work health and safety hazards and controls
- safe procedures for handling, using and storing pesticides and dangerous goods, identifying identification of information provided on labels and, where required, handling of gas cylinders
- typical risk management and contingency planning techniques for a flour mill.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment relevant to flour milling operations
 - customer orders
 - grain, flour and by-products and required storage facilities
 - cleaning procedures, materials and equipment

- specifications:
 - work procedures, including advice on safe work practices, food safety, quality and environmental requirements
 - equipment manuals including operating parameters
 - documentation and recording requirements and procedures.

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>