Australian Government

FBPGRA3024 Operate and monitor grain cleaning

Release: 1

FBPGRA3024 Operate and monitor grain cleaning

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to set up, operate, monitor and shut down a cleaning process to screen impurities from the grist prior to, and following, the conditioning process.

This unit applies to individuals who work in a grain processing environment under the direction of the miller or head miller, to produce food or feed. It typically targets the production worker responsible for applying basic operating principles to the operation and monitoring of grain cleaning equipment and processes.

All work must be carried out to comply with workplace procedures according to state/territory health and safety and food safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Grain Processing (GRA)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare the grain cleaning equipment and process for operation	1.1 Confirm materials are available to meet product specification requirements 1.2 Carry out pre-start checks according to operator instructions

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	1.3 Select, fit and use personal protective equipment and clothing as required of workplace policies
	1.4 Identify and confirm work area is clean according to food safety standards, and equipment is not locked out
	1.5 Check processing or operating parameters to meet safety and production requirements
	1.6 Set up the bin system according to operating requirements
2. Operate and monitor equipment	2.1 Start and operate the process according to safe operating procedures
	2.2 Identify variation in equipment operation, and report to miller
	2.3 Take and check samples to ensure impurities are screened from grist, and report any variation
	2.4 Identify and report out-of-specification product and process outcomes
	2.5 Store cleaned grain according to food safety procedures
	2.6 Maintain the work area according to safe work and food safety procedures
	2.7 Maintain workplace records according to workplace procedures
3. Shut down the grain cleaning process	3.1 Identify the appropriate shutdown procedure
	3.2 Shut down the process safely according to operating procedures
	3.3 Identify and report maintenance requirements safely according to workplace procedures
	3.4 Ensure waste is disposed of in line with environmental requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	• Interpret directions for the safe operation of equipment

Skill	Description
	• Operate equipment using digital interface
Writing	• Complete processing records using digital and/or paper-based formats
Numeracy	• Measure product using weight (kg, T) and volume (L, hL), to two decimal points • Use percentages (%) as they apply to mixes of grain • Interpret and monitor readings on scales and gauges • Monitor tank levels

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPGRA3024 Operate and monitor grain cleaning	FBPGRA2004 Operate a grain cleaning process	Unit title and code updated to better match work task Minor changes to Performance Criteria to clarify intent Foundation Skills refined Performance Evidence clarified Minor changes to Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4