



Australian Government

FBPGRA3018 Operate and monitor a pelleting process

Release: 1

FBP GRA3018 Operate and monitor a pelleting process

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, adjust and shut down process equipment to compress mash into pellets and to finish pellets.

The unit applies to individuals who work in an animal feed production environment. It typically targets the production worker responsible for applying basic operating principles to the operation and monitoring of pelleting 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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare the pelleting equipment and process for operation	1.1 Confirm materials are available to meet product specification requirements 1.2 Select, fit and use personal protective equipment 1.3 Identify and confirm cleaning and maintenance requirements have

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	been met according to health, safety and food safety requirements 1.4 Fit and adjust machine components and related attachments according to product specification and operating requirements 1.5 Enter processing or operating parameters to meet safety and production requirements 1.6 Carry out pre-start checks according to operator instructions
2. Operate and monitor equipment	2.1 Start and operate process according to safe operating procedures 2.2 Monitor equipment to ensure optimal operations 2.3 Identify variation in equipment operation, troubleshoot to identify solution, and adjust 2.4 Confirm product specifications are being met at each stage according to production specifications 2.5 Identify, rectify or report out-of-specification product or process outcomes 2.6 Maintain the work area according to safe work and food safety procedures 2.7 Maintain workplace records, including traceability and biosecurity records, according to workplace procedures
3. Shut down the pelleting process	3.1 Identify appropriate shutdown procedure 3.2 Shut down process safely according to operating procedures 3.3 Identify and report maintenance requirements records 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	- Monitor supply of ingredients to pelletiser - Set shape of rotor for pellets - Interpret gauges for monitoring equipment operation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBP GRA3018 Operate and monitor a pelleting process	FBP GRA2009 Operate a pelleting 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>