



Australian Government

FBPGRA3001 Work with micronutrients or additions in stockfeed manufacturing processes

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.

Application

This unit of competency describes the skills and knowledge required to select and use micronutrients and additives when undertaking stockfeed manufacturing.

This unit applies to individuals who handle, use and record micronutrients and additives used in stockfeed production.

All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety, and food safety regulations, legislation and standards that apply to the workplace.

No occupational 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. Identify finish feed requirement	1.1 Identify product to be manufactured from production schedule, customer order or standard operating procedure (SOP) 1.2 Identify micronutrient or additive requirements from screen, recipe, SOP or supervisor

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Obtain correct micronutrient or other additive	2.1 Identify storage location for micronutrient or additive according to workplace requirements 2.2 Obtain micronutrient or additive according to SOP 2.3 Read micronutrient or additive label to determine any special mixing, handling or work health and safety requirements 2.4 Discuss with nutritionist and other professional and technical staff on micronutrients and additives requirements of stockfeed as required
3. Add micronutrient or additive to product	3.1 Match micronutrient or additive to product 3.2 Determine appropriate volume, measurement or proportion of micronutrient or additive 3.3 Undertake pre-mixing or other micronutrient or additive preparation procedures to meet safety and production requirements 3.4 Add micronutrient or additive to stockfeed at appropriate location and stage of production process to ensure product is manufactured according to specifications 3.5 Follow appropriate contamination, quality and sequencing procedures according to work health and safety and food safety procedures 3.6 Take stockfeed samples according to workplace procedures
4. Record use of micronutrient or additive	4.1 Record type and amount of micronutrient or additive used in required format 4.2 Generate correct product labels and add to product using required method

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 names of micronutrients and additives - Read and check information on labels to identify target and non-target species, dose/addition level, withholding period, expiry

Skill	Description
	dates, storage and handling requirements, manufacturer name, product and active ingredient name
Writing	Record use of micronutrients and additives on paper-based and electronic media
Numeracy	- Follow mixing and addition procedures for micronutrients and additives - Use correct volume, measurements and proportions
Navigate the world of work	- Interpret and follow regulatory requirements and seek clarification or other assistance when required - Identify and describe own skills, knowledge and experience within context of job role - Seek advice and feedback on current work performance
Interact with others	- Liaise with professional and technical staff on micronutrients and additives requirements of stockfeed - Use oral communication skills and language competence to fulfil the job role as specified by the organisation, including questioning, active listening, asking for clarification and seeking advice from supervisor - Use appropriate vocabulary, including technical language directly relevant to role - Ask questions to clarify understanding or seek further information - Recognise personal strengths and challenges associated with interacting with others in the workplace

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPGRA3001 Work with micronutrients or additions in stockfeed manufacturing processes	FDFGR3001A Work with micronutrients or additions in stockfeed manufacturing processes	Updated to meet Standards for Training Packages	Equivalent unit

Links

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

Assessment Requirements for FBPGRA3001 Work with micronutrients or additions in stockfeed manufacturing processes

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Performance Evidence

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

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

- identified and interpreted micronutrients and additives requirements from stockfeed recipes and production schedules
- related micronutrients and additives to correct stockfeed
- added micronutrient or additive to product following correct contamination, quality and sequencing procedures
- liaised with nutritionist and other professional and technical staff on micronutrients and additives requirements of stockfeed
- taken appropriate samples
- recorded use of micronutrient or additive
- generated correct labels
- applied safe work practices and identified work health and safety hazards and controls
- applied food safety procedures to work practices.

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:

- contamination avoidance, quality and sequencing procedures when using micronutrients or additives in stockfeed manufacturing processes
- risk factors for cross-transference for stockfeed manufacturing
- preparation procedures required for using micronutrients and additives in stockfeed manufacturing
- sampling techniques for using micronutrients and additives in stockfeed manufacturing
- mathematical techniques to determine appropriate volume, measurement or proportion of micronutrient or additive in the manufacture of stockfeed
- withholding periods that may be required when manufacturing stockfeed

- work health and safety procedures for using micronutrients and additives in stockfeed manufacturing.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a grain processing workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - personal protective equipment relevant to stockfeed manufacturing in the workplace
 - sample micronutrients or additives
 - stockfeed product
 - sample product recording system
- specifications:
 - sample production schedule, customer order or standard operating procedures.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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