



**Australian Government**

# **FBPPHM3013 Operate a granulation process**

**Release: 1**

## FBPPHM3013 Operate a granulation process

### Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

### Application

This unit of competency describes the skills and knowledge required to set up, operate, adjust and shut down a granulation process in a pharmaceutical manufacturing facility.

The unit applies to individuals who apply Good Manufacturing Practice (GMP) and operating principles to the granulation process. Individuals work under broad direction and take responsibility for their own work.

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

### Pre-requisite Unit

Nil

### Unit Sector

Pharmaceutical (PHM)

### 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 granulation process for operation	1.1 Confirm materials and equipment are available and meet production requirements 1.2 Select and fit personal protective equipment and contamination prevention clothing according to workplace procedures 1.3 Fit and adjust machine components and attachments according to production requirements and equipment operation and maintenance manual 1.4 Enter processing and operating parameters according to safety

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and production requirements 1.5 Conduct pre-start checks according to workplace requirements
2. Operate and monitor granulation process	2.1 Start up and monitor granulation process to confirm specifications are within required limits 2.2 Identify and report out of limit granulated products or processes according to workplace procedures 2.3 Maintain work area according to workplace cleaning standards 2.4 Conduct process according to safety and environmental requirements 2.5 Contain, remove and report spillages according to workplace procedures 2.6 Complete documentation according to workplace procedures
3. Shut down the granulation process	3.1 Confirm the workplace procedures for shutting down the process 3.2 Complete end-of-batch procedures according to batch instructions and workplace procedures 3.3 Safely shut down the process 3.4 Complete records according to workplace procedures

## 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.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Identify relevant information from workplace documentation and interpret requirements for the granulation process</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Complete workplace documentation using appropriate language and in required format</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Interpret specifications for flow rates and product quantity</li> </ul>
Navigate the world	<ul style="list-style-type: none"> <li>Identify workplace procedures relevant to own role</li> </ul>

Skill	Description
of work	
Interact with others	<ul style="list-style-type: none"> <li>Report operational and safety information to relevant personnel using required communication method</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>Plan, organise and implement tasks required to achieve production outcomes</li> <li>Use problem-solving skills to analyse product and process faults and decide on appropriate action</li> </ul>

## Range of Conditions

*This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.*

Pre-start checks must include:	<ul style="list-style-type: none"> <li>carrying out required area or line clearances</li> <li>inspecting equipment condition to identify signs of wear</li> <li>confirming all safety equipment are in place and operational</li> <li>confirming that equipment is clean or sanitised</li> <li>confirming that equipment is correctly configured for processing requirements.</li> </ul>
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## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPPHM3013 Operate a granulation process	FDFPH2011A Operate a granulation process	Updated to meet Standards for Training Packages  Changes to performance criteria for clarity  Code changed to reflect AQF alignment	Equivalent unit

## Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>