



**Australian Government**

# **FBPPPL4002 Plan and coordinate production equipment maintenance**

**Release: 1**

## FBPPPL4002 Plan and coordinate production equipment maintenance

### 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 plan and coordinate maintenance activities for production equipment.

This unit applies to individuals who take responsibility for their own work and coordinate and oversee employees responsible for the maintenance of production equipment.

All work must be carried out to comply with workplace procedures, in accordance with State/Territory work health and safety legislation 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

People, Planning and Logistics (PPL)

### 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 maintenance requirements according to workplace procedures	1.1 Determine the approach for maintaining production equipment 1.2 Source and assess advice on equipment maintenance requirements according to manufacturers' specifications 1.3 Assess and prioritise special maintenance requirements

<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>
2. Plan maintenance according to workplace procedures	<p>2.1 Identify and secure resources required to carry out maintenance</p> <p>2.2 Develop a maintenance schedule to provide reliable equipment performance with minimal disruption to production</p> <p>2.3 Ensure the maintenance schedule takes account of production schedules, equipment capability, special maintenance requirements, efficient resource utilisation, workplace health and safety requirements, and workplace environmental guidelines</p> <p>2.4 Record the maintenance schedule in the appropriate workplace format</p> <p>2.5 Define and communicate responsibilities for implementing the maintenance schedule</p> <p>2.6 Consult personnel affected by the maintenance program and advise of maintenance process</p>
3. Monitor implementation of the maintenance schedule according to workplace procedures	<p>3.1 Monitor progress of maintenance to identify variance to schedule</p> <p>3.2 Identify, assess and address unplanned events that could affect the schedule</p> <p>3.3 Identify and communicate potential failure to meet maintenance deadlines to relevant personnel in a timely manner</p>
4. Contribute to the improvement of equipment reliability	<p>4.1 Review equipment performance information to identify patterns or trends</p> <p>4.2 Identify factors that affect equipment reliability</p> <p>4.3 Consult production and maintenance personnel to identify opportunities to improve equipment reliability</p> <p>4.4 Take action to improve equipment reliability</p> <p>4.5 Review the maintenance schedule and related programs and procedures to reflect improvements</p>

## 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>• Reads and interprets manuals, specifications, and other documentation from a variety of sources and consolidates information to determine maintenance requirements</li> <li>• Analyses and consolidates test results and data from a range of sources, against defined criteria and requirements</li> </ul>
Writing	<ul style="list-style-type: none"> <li>• Develops procedural material for a specific audience using clear and industry relevant language in order to convey explicit information, requirements and recommendations</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>• Performs mathematical calculations to analyse maintenance data and scheduling statistics to inform maintenance activities</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>• Uses collaborative and inclusive techniques, including active listening and questioning, and reading of verbal and non-verbal signals to convey and clarify information</li> </ul>
Interacts with others	<ul style="list-style-type: none"> <li>• Uses a range of strategies to establish a sense of connection and build rapport co workers</li> <li>• Elicits feedback from others in order to improve workgroup behaviours and processes</li> </ul>
Get the work done	<ul style="list-style-type: none"> <li>• Contributes to continuous improvement of current work practices by applying principles of analytical and lateral thinking</li> <li>• Takes responsibility for planning, sequencing and prioritising tasks and own workload for efficiency and effective outcomes</li> <li>• Applies systematic and analytical decision-making processes for complex and non-routine situations</li> <li>• Addresses problems and initiates procedures in response, applying problem-solving processes to determine solutions</li> </ul>

## Unit Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FBPPPL4002 Plan and coordinate production equipment maintenance	FDFPPL4002A Plan and coordinate maintenance	Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity	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>