



Australian Government

**Assessment Requirements for FBPPPL4002
Plan and coordinate production equipment
maintenance**

Release: 1

Assessment Requirements for 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. |

Performance Evidence

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

There must be evidence that the individual has planned and coordinated maintenance for production equipment, on at least two separate occasions, including:

- obtaining information and planning maintenance requirements for production equipment
- establishing and documenting a maintenance schedule
- coordinating the implementation and maintenance schedule with appropriate personnel
- managing unplanned maintenance issues
- assessing equipment reliability and contributing to improved maintenance schedules and procedures
- managed work health and safety, environmental and food safety requirements and responsibilities associated with maintenance activities.

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:

- maintenance approaches and differences between reactive, preventative and proactive maintenance models, including:
 - reliability centred maintenance (RCM)
 - total productive maintenance (TCM)
- company systems, processes and responsibilities for:
 - collecting equipment condition information
 - analysing information
 - carrying out required servicing and maintenance
- sources of data on equipment performance and maintenance requirements, related recording systems and data analysis tools, including:
 - manufacturer specifications

- equipment capability data
- condition monitoring data
- equipment operation/performance reports and log sheets
- workplace environmental guidelines
- maintenance requirements and scheduling processes, including:
 - production process
 - impact of scheduling on production
 - maintenance activities
 - maintenance priorities
 - effect on related activities, including purchasing and contract management
- factors that influence the reliability of equipment, including:
 - equipment capability
 - equipment/process design
 - operating conditions and practices
- methods used to measure effectiveness of maintenance, including:
 - plant availability
 - cost of maintenance
 - downtime
 - alternate resource utilisation
- work health and safety, environmental and food safety requirements and responsibilities associated with maintenance activities
- relevant personnel and departments to be consulted/notified of maintenance schedule and related amendments, including the information relevant to each group/person
- conditions that can affect achievement of the maintenance schedule, including:
 - unusual or unplanned conditions
 - related options for response to equipment breakdowns/emergencies
- communication skills to consult and communicate with relevant personnel
- recording systems and requirements, including relevant software packages
- process improvement procedures for production equipment
- capacity of maintenance service suppliers to provide required services.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - production equipment
- specifications:
 - maintenance scheduling system and associated information and communication systems

- relevant standard operating procedures (SOPs)
- workplace information recording systems, requirements and procedures
- access to Work Health and Safety Acts or Occupational Health and Safety Acts, regulations and related industry standards and codes of practice
- workplace environmental requirements.

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

Links

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