



Australian Government

Assessment Requirements for FBPOPR3020 Plan, conduct and monitor equipment maintenance

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0.

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, conducted and monitored maintenance for the equipment on at least one processing line, including:

- applying safe work practices
- developing a maintenance schedule to suit workplace processing requirements.

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)
- organisational 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
- health and safety, environmental and food safety requirements and responsibilities associated with maintenance activities
- relevant staff to be consulted/notified of maintenance schedule and related activities
- conditions that can affect achievement of the maintenance schedule, including:
 - unusual or unplanned conditions
 - related options for response to equipment breakdowns/emergencies.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - processing equipment
 - personal protective clothing and equipment
- specifications:
 - work procedures, including advice on safe work practices, quality and environmental requirements
 - information on equipment capacity and operating parameters
 - maintenance scheduling and recording requirements
- relationships:
 - operational staff.

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>