



Australian Government

Assessment Requirements for FBPOPR3005 Operate interrelated processes in a production system

Release: 1

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Modification History

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

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 safely and effectively operated interrelated processes in a production system, on at least one occasion, including:

- conducting pre-start checks on production system components
- confirming machine set-up is ready to achieve production requirements
- applying safe work practices and identify hazards and controls
- selecting and fitting personal protective equipment (PPE)
- starting, operating, monitoring and adjusting process equipment throughout the system to achieve required quality outcomes
- identifying system problems and taking corrective action
- conducting operational handovers
- shutting down system
- identifying and investigating opportunities for operational improvements within areas of responsibility
- completing workplace records
- shutting down equipment according to workplace procedures.

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:

- purpose and basic principles of the production system, including the system process flow, the interrelationships of each process to identify the impact of variation on related processes, and optimisation options
- basic operating principles of equipment and related accessories used by the system, including equipment adjustment points, status and purpose of guards, and range and location/alignment requirements of sensors and related feedback instruments

- operating capacities of equipment used in the system, including different types of equipment and/or components by processing/packaging operations
- related systems and responsibilities for interaction, including related production systems, services supply, packaging/warehousing, maintenance, laboratory/quality assurance and planning and scheduling
- product characteristics and common types of variation in materials and/or ingredients used, including the effect of variation on each stage of the system and scope to adjust or correct
- typical production related problems, including equipment faults, common causes and warning signs, incorrect or poor supply of materials, incorrect settings and poor operator control
- relevant procedures, specifications and operating parameters for the system and the individual processes
- isolation, lock-out and tag out procedures and responsibilities
- hazards, risks, controls and methods for monitoring processes within the system, including health and safety in the workplace, food safety, quality and environmental hazards and risks
- workplace system and approach to equipment maintenance
- process improvement procedures and related consultative arrangements
- troubleshooting procedures and problem-solving techniques
- communication responsibilities to inform related work areas/support functions and other shifts of operational status and production issues
- procedures and responsibility for reporting production and performance information.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents a real workplace
- resources, equipment and materials:
 - PPE
 - production system equipment and related accessories and services
 - materials/consumables required by the process
 - communication and recording systems and procedures
- specifications:
 - production schedule and related advice on system requirements
 - information on equipment capacity and operating parameters.

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

Links

Companion Volume Implementation Guides are found in VETNet: -

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