



Australian Government

FBPOPR2068 Operate a process control interface

Release: 1

FBPOPR2068 Operate a process control interface

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 operate a computer-based interface to modify and/or interrogate a control system.

This unit applies to individuals who work under general supervision. This includes identifying and providing solutions to a limited range of predictable problems.

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

Pre-requisite Unit

Nil

Unit Sector

Operational (OPR)

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. Navigate the process control interface	1.1 Confirm the readiness of the control interface and related components for operation 1.2 Use the hardware provided to operate the interface 1.3 Use page links to move between screens 1.4 Acknowledge messages and alarms 1.5 Access required information from screen displays 1.6 Record interface system malfunctions and report to supervisor

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Use interface system to operate and maintain a process within required parameters	2.1 Start, monitor and shut down individual items of equipment and processes using the control interface 2.2 Select equipment, alter status and enter settings to meet operating requirements 2.3 Activate sequences to initiate process operation 2.4 Recognise equipment giving a bad signal or bad measurements and take responsive action
3. Analyse data to predict and control performance	3.1 Select and analyse trends to identify performance patterns 3.2 Identify causes of abnormal or unacceptable performance and take corrective action 3.3 Record information in workplace format

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.

Skill	Description
Reading	Access and interpret process control panels and system
Numeracy	- Monitor and interpret production and process control indicators and data - Monitor supply and flow of materials and product
Navigate the world of work	Ask questions to clarify understanding or seek further information

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPOPR2068	FDFOP2030A	Updated to meet	Equivalent unit

Operate a process control interface	Operate a process control interface	Standards for Training Packages Minor changes to Performance Criteria to clarify intent	
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Links

Companion Volume Implementation Guides are found in VETNet: -

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

Assessment Requirements for FBPOPR2068 Operate a process control interface

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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 a process control interface on at least two occasions, including:

- recognising and responding to error messages and alarms
- accessing relevant performance data using the control system, including locating and interpreting performance trend information
- recording log information using the interface system 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:

- processes and equipment being controlled, including required processing sequences
- operating principles of process control and interface system, including the relationship between control panels, systems and the physical equipment, and where relevant, operating conditions required for accurate information input from sensors and related instrumentation
- action required to respond to error messages and alarms
- typical faults that can occur when operating a process control interface and corrective action required
- performance data collected by the control interface system and its application to troubleshoot performance, including the ability to identify and investigate related trend data to track cause and effect
- recording requirements and responsibilities.

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:
 - process control interface hardware and software
 - work station or equipment to be controlled
 - process to be controlled
 - communication systems and equipment
 - workplace information recording systems, requirements and procedures
- specifications:
 - operating procedures and related advice on equipment operation.

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

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