



**Australian Government**

# **Assessment Requirements for PPMCSK310 Operate process control equipment**

**Release: 1**

## Assessment Requirements for PPMCSK310 Operate process control equipment

### Modification History

Release	Comment
1	<p>Replaces equivalent unit FPPCSK310A Operate process control equipment, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1. This is the first release of this unit in the new standards format.</p> <p>Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including 'Required Skills and Knowledge, Evidence Guide and Range Statement'</p>

### Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence of the ability to:

- operate process control equipment, at least twice in line with required enterprise intervals, associated with integrated systems selected from the following list:
  - primary resources processes
  - waste paper handling processes
  - waste paper operations processes
  - pulping processes
  - chemical recovery systems
  - stock preparation systems
  - wet end processes
  - dry end processes
  - finishing and converting processes
  - warehousing and dispatch process
  - water services processes
  - coated paper processes
  - steam generation processes
  - electrical power generation processes
- monitor key variables during the operation of process control equipment including:
  - speed
  - output rate

- product integrity and general conformance to specification
- access and navigate control systems
- make process adjustments using the control system
- use electronic and other control systems to control equipment.

## Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- procedures, regulations and workplace requirements relevant to operating process control equipment including WHS, SOP, isolation procedures, safe working requirements and housekeeping
- materials, equipment and process sufficient to recognise material and equipment conditions which may lead to out of specification production
- effect of adjustments on part or product specifications
- risk management using the hierarchy of controls applied to the operation of computer controlled machines/processes
- approved hazard control, safety procedures and the use of PPE in relation to handling materials, equipment operation and clean up
- symbols used in process controls
- computer-controlled machine operating procedures
- procedures for identifying and reporting equipment malfunctions, and product or part deviations.

## Assessment Conditions

The following resources must be made available:

- fully automated, semi-automated, manually operated plant and equipment appropriate to process control equipment in a pulp or paper manufacturing facility including:
- computer systems
- electronic screens and alarms
- process control equipment and systems
- analogue and digital instrumentation
- relevant personnel for the purposes of communicating information
- personal protective equipment required for operating process control equipment.

Competency is to be assessed in the workplace or in a productive environment that accurately reflects performance in a workplace.

### Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

## **Links**

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>