



Australian Government

Assessment Requirements for PPMCSK301 Operate process control equipment

Release: 1

Assessment Requirements for PPMCSK301 Operate process control equipment

Modification History

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 3.0.

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 operated process control equipment for at least two operational intervals, associated with one of the following integrated systems:

- 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 processes
- water services processes
- steam generation processes
- electrical power generation processes.

In completing the above, there must also be evidence that the individual has, for each interval:

- conducted a risk assessment and applied control measures
- monitored key variables during the operation of process control equipment, including:
 - speed
 - output rate
 - product integrity and general conformance to specification
- accessed and navigated control systems
- made process adjustments to respond to variations and problems.

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:

- procedures, regulations and workplace requirements relevant to operating process control equipment, including:
 - computer-controlled machine operating procedures
 - workplace health and safety requirements, and the use of personal protective equipment in relation to handling materials, equipment operation and clean-up
 - hazard identification and control procedures
 - standard operating procedures
 - isolation procedures
 - procedures for identifying and reporting equipment malfunctions, and product or part deviations
- risk management using the hierarchy of controls applied to the operation of computer-controlled machines and processes
- symbols used in process controls
- materials, equipment and process sufficient to recognise material and equipment conditions that may lead to out-of-specification production
- effect of adjustments on part or product specifications.

Assessment Conditions

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

- physical conditions:
 - skills must be demonstrated in a pulp and/or paper manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - computer systems
 - electronic screens and alarms
 - process control equipment and systems
 - analogue and digital instrumentation
 - personal protective equipment for operating process control equipment.
- specifications:
 - workplace and operating procedures relevant to operating process control equipment, and workplace health and safety 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=12998f8d-d0ac-40bc-a69e-72a600d4fd93>