



**Australian Government**

# **Assessment Requirements for UEPOPS107 Operate and monitor supervisory control and data acquisition systems**

**Release: 1**

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## **Modification History**

Release 1. This is the first release of this unit of competency in the UEP Electricity Supply Industry – Generation Sector Training Package Release 2.0.

## **Performance Evidence**

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- applying work health and safety (WHS)/occupational health and safety (OHS) requirements, including
  - emergency procedures
  - risk control measures
  - safe work practices
- communicating with personnel
- enhancing screen display
- interpreting manuals
- managing screen-based equipment, including the full range of applications
- monitoring and interpreting information from supervisory control and data acquisition (SCADA) system
- operating screen displays
- responding and prioritising response to alarms.

## **Knowledge Evidence**

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements performance criteria and include knowledge of:

- alarm systems
- distributed control system (DCS)
- manuals
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- remote telemetry and data acquisition
- SCADA system
- Windows operating system

- WHS/OHS requirements, including:
  - emergency procedures
  - risk control measures
  - safe work practices
- workplace documentation
- workplace policies and procedures.

## Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>