



Australian Government

Assessment Requirements for UEP OPS148

Operate and monitor local grid operations control room

Release: 1

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Modification History

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

Performance Evidence

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

- applying alarm response including:
 - validation
 - priority and
 - escalations
- applying Work Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - hazard identification
 - personal protective equipment (PPE)
 - risk control measures and
 - safe working practices
- checking work results
- communicating with personnel
- complying with regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements'
- dealing with unplanned events
- interpreting manufactures' specifications and manuals
- managing screen based equipment including the full range of application.
- operating and monitoring grid control systems
- preparing to undertake routine work activities
- using access permits
- using tools, resources and materials.

Knowledge Evidence

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

- access permits
- alarm response including:
 - validation
 - priority and
 - escalations
- electrical supply industry routine tasks
- geographic impact on grid infrastructure
- jurisdictional operating protocols
- operate and monitor grid control systems
- potential hazards
- manuals
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements'
- remote telemetry and data acquisition
- Supervisory Control and Data Acquisition (SCADA)
- types of electricity generation plants
- types of grid infrastructure
- WHS/OHS legislated requirements including:
 - emergency procedures
 - hazard identification
 - personal protective equipment
 - risk control measures
 - safe working 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>