



Australian Government

UEPOPS003 Apply quality systems to work

Release: 1

UEPOPS003 Apply quality systems to work

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.

Application

This unit involves the skills and knowledge required to apply a quality assurance system to work.

Quality control is a process to ensure that significant variations in quality are kept to a minimum. Quality control in a power generation facility will focus on a set of procedures intended to ensure that personnel, plant and equipment operate smoothly and efficiently.

Competency in this unit requires the ability to plan and prepare quality procedures, conduct quality system practices and initiate changes to quality systems. Individuals will, in general, work as an operator in a power generation facility.

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

Pre-requisite Unit

There are no prerequisite units

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan and prepare to work with quality systems

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Quality procedures are identified from relevant personnel and documentation in accordance with workplace procedures

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| | 1.2 | Work health and safety (WHS)/occupational health and safety (OHS) regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, environmental requirements and workplace procedures are identified, applied and monitored |
| | 1.3 | Performance objectives are identified in accordance with Quality Management System (QMS) and workplace procedures |
| | 1.4 | Work plan is structured to ensure quality standards are achieved in accordance with workplace procedures |
| 2 Conduct quality system practices | 2.1 | Quality assurance processes and procedures are implemented in accordance with manufacturers' recommendations and specifications, and workplace procedures |
| | 2.2 | Work is monitored against quality standards and sustainable energy principles, and clarified with relevant personnel in accordance with workplace procedures |
| | 2.3 | Allocated work tasks are completed in accordance with quality assurance requirements and workplace procedures |
| 3 Initiate changes to quality systems | 3.1 | Improvements to quality assurance procedures are identified by analysis of system outcomes in accordance with quality assurance requirements and workplace procedures |
| | 3.2 | Extent of proposed changes to quality procedures are investigated in accordance with quality assurance requirements and workplace procedures |
| | 3.3 | Proposed improvements are negotiated and confirmed with relevant personnel in accordance with quality assurance requirements and workplace procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEP Electricity Supply Industry – Generation Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS202 Apply quality systems to work.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

Assessment Requirements for UEPOPS003 Apply quality systems to work

Modification History

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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 continuous improvement techniques
- applying work health and safety (WHS)/occupational health and safety (OHS) legislated requirements, including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with personnel
- complying with regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements contributing to quality control audits
- identifying quality procedural change requirements
- improving quality control procedures
- initiating changes to quality assurance processes and procedures
- planning and preparing for quality control
- using recording procedures for documenting
- utilising sustainable energy principles and practices
- working with quality assurance procedures, tools and techniques.

Knowledge Evidence

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

- continuous improvement
- continuous improvement techniques
- principles of sustainable energy practice
- procedural quality change requirements
- quality control
- quality control audits, including improvement implementation

- Quality Management System (QMS) tools and techniques
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements'
- WHS/OHS, including:
 - emergency procedures
 - 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

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