



**Australian Government**

# **UEPOPS413 Coordinate operational strategies for power production**

**Release: 1**

# UEPOPS413 Coordinate operational strategies for power production

## Modification History

**Release 1.** This is the first release of this unit of competency in the UEP Generation Training Package.

## Application

This unit involves the skills and knowledge required coordinate operational strategies to achieve short and long-term goals of a power generation facility's production plant.

An operational plan describes how a power generation facility will use their resources within specified time frames. Operational strategies are the methods used to reach objectives and performance targets related to the power generation facility's operational plan.

Competency in this unit requires the ability to coordinate the implementation of operational strategies, monitor strategies and report on performance against strategies. Individuals will, in general, work as a coordinator in operational management, in a power generation facility.

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

### **Note: Workplace practice**

The application of the skills and knowledge described in this unit may require a licence or training permit to practice in the workplace where work is carried out on gas and electrical installations. Additional conditions may apply under state and territory legislative and regulatory licensing requirements.

## 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.

### PERFORMANCE CRITERIA

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

#### 1 **Coordinate implementation of operational strategies**

- 1.1** Power generating plant operational plan and strategies are identified and implemented, in accordance with workplace procedures
- 1.2** Power generating plant operations and/or condition is monitored and reported on, in accordance with workplace procedures and legislative requirements
- 1.3** Resources and supplies are coordinated to meet operational plan and strategy requirements, in accordance with workplace procedures
- 1.4** Authorising personnel are informed about implementation strategies, in accordance with workplace procedures

#### 2 **Monitor strategies**

- 2.1** Deviations from operational plan and strategies are identified and recorded, in accordance with workplace procedures
- 2.2** Impact on operational strategies are identified and reviewed, in accordance with workplace procedures
- 2.3** Operational strategies are monitored, in accordance with workplace procedures, legislative requirements and industry standards

#### 3 **Report performance against strategies**

- 3.1** Data is collected on operational strategy implementation and is processed for review, in accordance with workplace procedures
- 3.2** Abnormal conditions that impact operational strategy implementation are reported, in accordance with workplace procedures
- 3.3** Changes to operational strategies are documented and referred to appropriate personnel, in accordance with 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 Companion Volume Implementation Guide.

## **Unit Mapping Information**

This unit replaces and is equivalent to UEPOPS413B Coordinate operational strategies for power production.

## **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 UEPOPS413 Coordinate operational strategies for power production

## 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, performance criteria and range of conditions on at least two separate occasions and includes:

- applying legislation, industry standards, codes of practice and regulations
- communicating with personnel
- coordinating implementation of operational strategies
- evaluating operational strategy implementation using data analysis techniques and tools
- identifying power generation plant status
- interpreting plant drawings, manufacturers' specifications and manuals
- monitoring operational strategies
- power generation plant, systems and operating parameters
- reporting on operational strategies applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
- using operational plans
  - emergency procedures
  - risk control measures
  - safe working practices

## 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 range of conditions and includes knowledge of:

- coordination of operational strategies
- data collection and analysis techniques
- legislation, industry standards, codes of practice and regulations
- operational plans
- power generation plant and equipment, its location and operating parameters
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
  - emergency procedures

- risk control measures
- safe working practices
- workplace documentation
- workplace policies and procedures

## Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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 currently used in industry
- applicable documentation including workplace procedures, industry standards, 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>