



Australian Government

UEPOPS513 Manage operational crisis to maintain or restore power system integrity

Release: 1

UEPOPS513 Manage operational crisis to maintain or restore power system integrity

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 to manage a crisis of a magnitude which affects the integrity and effectiveness of the power generation facility's system.

A crisis is defined as a significant threat to power generation operations that can have negative consequences if not handled with care. The risk management system ensures that the power generation facility identifies, assesses and prioritises risks and manages the application of resources to monitor and control the impact of potentially hazardous events.

Competency in this unit requires the ability to identify a crisis, establish a contingency plan, establish communications, manage crisis documents and review the crisis and response.

Individuals will, in general, work as an operator with responsibility for risk management, in a power generation facility.

Power generation plant operators are typically trained and authorised to isolate, prepare plant and issue permits to work.

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 Identify crisis

- 1.1 Operational crisis and implications are identified and assessed, in accordance with risk management system and workplace procedures
- 1.2 Secondary threats from crisis events are identified and monitored, in accordance with Risk Management System and workplace procedures
- 1.3 Network system configuration or power generation capability is evaluated, in accordance with risk management system and workplace procedures
- 1.4 Data determining network system and power generation status is assessed and evaluated, in accordance with risk management system and workplace procedures
- 1.5 External information is collated, assessed and managed, in accordance with risk management system and workplace procedures
- 1.6 Probable cause of crisis is identified from available information and resources, in accordance with risk management system and workplace procedures
- 1.7 Crisis team is activated and individual roles and responsibilities are identified and managed, in accordance with risk management system and workplace procedures

2 Implement contingency plan

- 2.1 Contingency and emergency response plans are implemented, using risk management system documentation and workplace procedures
- 2.2 Additional resources are identified, in accordance with risk management system and workplace procedures
- 2.3 Alternate strategies to cater for crisis variations are implemented, in consultation with key stakeholders, in accordance with risk management system and workplace procedures

3 Implement

- 3.1 Communication links with external authorities are established and implemented, in accordance with risk

communication	management system and workplace procedures, to ensure coordination of resources
3.2	Communication with key stakeholders is established and implemented to disseminate information, in accordance with risk management system and workplace procedures
3.3	Customers are assisted, in accordance with risk management system policies and workplace procedures
4 Manage crisis	
4.1	Crisis response is managed, in accordance with risk management system, workplace procedures and site requirements
4.2	Crisis events and responses are prioritised according to related risk and the needs of key stakeholders, in accordance with risk management system and workplace procedures
4.3	Impact of secondary threats are managed, in accordance with risk management system and workplace procedures
4.4	Contingency and emergency response plans are actioned and managed, in accordance with risk management system policies and workplace procedures
4.5	Additional resources are managed and directed, in accordance with risk management system and workplace procedures
4.6	Restoration strategies are monitored, evaluated and adjusted as required, in accordance with risk management system and workplace procedures
4.7	Power generation systems are stabilised and integrity is maintained, in accordance with risk management system and workplace procedures
5 Document and review crisis and response	
5.1	Equipment failure or problems are identified and managed, in accordance with risk management system procedures
5.2	Crisis feedback from key stakeholders is analysed, in accordance with risk management system and workplace procedures
5.3	Crisis reports and findings are distributed to appropriate personnel, in accordance with risk management system and workplace procedures

- 5.4 Improvements to crisis management plans, processes and procedures are recommended to appropriate personnel and key stakeholders, in accordance with risk management system and workplace procedures
- 5.5 Alternative crisis management strategies are identified and analysed, and recommendations are communicated to appropriate personnel and key stakeholders, in accordance with risk management system 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS513B Manage operational crisis to maintain/restore power system integrity.

Links

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