



Australian Government

UEPOPS454 Coordinate response to critical incidents

Release: 1

UEPOPS454 Coordinate response to critical incidents

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 respond to incidents of a critical nature that may impact on the operations of power generation plant or its' system, endanger human life or property or have an adverse impact on the environment.

A critical incident refers to an event that may result in a high level of risk, directly or indirectly to the core operations of a power generation facility. The level of risk is determined using the facility's risk management processes as outlined in the Risk Management System.

Competency in this unit requires the ability to identify critical incident and consequences, establish contingency plan, establish communications, coordinate response to a critical incident and the documentation of the incident and response. Individuals will, in general, work as an operator with responsibility for coordinating critical incident responses and/or 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

UEPOPS369 Respond to a critical incident

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify critical incident and consequences

2 Establish contingency plan

3 Establish communications

4 Coordinate response to critical incident

PERFORMANCE CRITERIA

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

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|------------|---|
| 1.1 | Critical incidents and probable implications are identified and evaluated, in accordance with workplace procedures |
| 1.2 | Secondary threats are identified and monitored, in accordance with workplace procedures |
| 1.3 | Data is evaluated, in accordance with workplace procedures to determine probable causes, consequences and potential responses |
| 2.1 | Contingency and emergency response plans are identified, in accordance with workplace procedures |
| 2.2 | Additional resources are identified, in accordance with workplace procedures |
| 2.3 | Alternate contingency plan strategies to cater for crisis variations are developed, in consultation with team members and in accordance with workplace procedures |
| 3.1 | Communication links with external authorities for coordination of resources are established, in accordance with workplace procedures |
| 3.2 | Communication with key stakeholders is established to disseminate information, in accordance with workplace procedures |
| 3.3 | Team roles, both internal and external, are identified and conveyed to personnel, in accordance with workplace procedures |
| 4.1 | Response is coordinated, in accordance with workplace procedures and site requirements, with allowance made for personnel and equipment limitations |
| 4.2 | Events and responses are prioritised with consideration given to the needs of stakeholders, in accordance with workplace procedures |
| 4.3 | Impact of secondary threats are identified and assessed, |

- in accordance with workplace procedures
- 4.4 Contingency plan is actioned, in accordance with workplace policies and procedures
 - 4.5 Additional resources are coordinated and directed, in accordance with workplace procedures
 - 4.6 Critical incident power generation restoration strategies are monitored, evaluated and adjusted, in accordance with workplace procedures
- 5 Document incident and response**
- 5.1 Critical incident equipment failure or problems are recorded and processed, in accordance with workplace procedures
 - 5.2 Feedback from stakeholders and personnel debriefing comments are recorded and analysed, in accordance with workplace procedures
 - 5.3 Critical incident reports and findings are generated and distributed to appropriate personnel, in accordance with workplace procedures
 - 5.4 Improvements to critical incident procedures are recommended to appropriate personnel, in accordance with workplace procedures
 - 5.5 Alternative contingency strategies are identified, analysed and recommendations are communicated 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 UEPOPS454A Coordinate response to critical incidents.

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 UEPOPS454 Coordinate response to critical incidents

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 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with external and internal stakeholders
- conducting debriefings and reviewing stakeholder feedback
- coordinating critical incident situations
- coordinating personnel
- determining communications
- documenting critical incident and response using recording procedures
- establishing contingency and emergency response plans
- identifying critical incidents and consequences
- implementing legislation, industry standards, codes of practice and regulations
- organising and coordinating response to critical incidents
- using policies and procedures for critical incidents
- utilising data analysis techniques and tools when assessing critical incident risks and responses
- working with contingency plans

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:

- communication during critical incidents
- contingency and emergency response plans
- coordination of critical incident situations

- data analysis techniques and tools
- debriefings and stakeholder feedback methods
- legislation, industry standards, codes of practice and regulations
- role of external authorities
- 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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