



Australian Government

UEPOPS523 Manage critical incidents

Release: 1

UEPOPS523 Manage 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 undertake the management of incidents of a critical nature that may impact the operational effectiveness of a power generation facility's plant or system. It may include endangering human life, damaging or destroying property or adversely impacting 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 risk management processes outlined in the power generation facility's Risk Management System.

Competency in this unit requires the ability to identify a crisis, implement contingency and critical incident plans, establish communications, manage critical incident documents and review critical incident 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

UEPOPS369 Respond to a critical incident

UEPOPS454 Coordinate response to critical incidents

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 critical incident and consequences	1.1	Critical incident and probable implications are identified and analysed, in accordance with risk management system and workplace procedures
	1.2	Secondary threats from the critical incident are identified and monitored, in accordance with risk management system and workplace procedures
	1.3	Data related to critical incident is evaluated and managed to determine cause consequences and potential responses, in accordance with risk management system and workplace procedures
	1.4	Critical Incident Management team is activated and individual roles and responsibilities are identified and managed, in accordance with risk management system and workplace procedures
2 Implement contingency and critical incident plan	2.1	Contingency and critical incident 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 managed in consultation with key stakeholders, in accordance with risk management system and workplace procedures
3 Establish communications	3.1	Communication links with external authorities are established, in accordance with risk management system and workplace procedures, for coordination of resources
	3.2	Communication with key stakeholders is established to disseminate information, in accordance with risk management system and workplace procedures

- 4 Supervise critical incident**
- 4.1** Critical incident response is managed, in accordance with risk management system, workplace procedures and site requirements
 - 4.2** Critical incident events and responses are prioritised, related to risk and the needs of stakeholders, in accordance risk management system and workplace procedures
 - 4.3** Personnel and key stakeholder actions are monitored and managed, in accordance with risk management system and workplace procedures
 - 4.4** Impact of secondary threats are managed, in accordance risk management system and workplace procedures
 - 4.5** Contingency and critical incident plans are actioned and managed, in accordance with risk management system policies and workplace procedures
 - 4.6** Additional resources are directed and managed, in accordance with risk management system and workplace procedures
 - 4.7** Restoration strategies are monitored, evaluated and adjusted, as required, in accordance risk management system and workplace procedures
- 5 Document and review critical incident response**
- 5.1** Equipment failure or problems are managed, in accordance with risk management system and workplace procedures
 - 5.2** Critical incident feedback from key stakeholders is analysed and managed, in accordance with risk management system and workplace procedures
 - 5.3** Critical incident report with alternative preventative measures are distributed to appropriate personnel, in accordance with risk management system and workplace procedures
 - 5.4** Improvements to critical incident management processes and procedures are managed, in accordance with risk management system and workplace procedures
 - 5.5** Alternative strategies are identified and analysed, and recommendations are communicated to appropriate personnel, 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 UEPOPS523A Manage 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 UEPOPS523 Manage 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 and liaising with key stakeholders
- coordinating operation of system network
- determining contingency and critical incident plans
- documenting and reviewing critical incident and response
- identifying critical incident and potential consequences
- implementing contingency and critical incident plans
- implementing legislation, industry standards, codes of practice and regulations
- instigating communications including recording procedures
- managing critical incident
- recognising plant status including abnormal system operating conditions using data analysis techniques and tools
- supervising emergency situations including directing and managing personnel
- undertaking critical incident planning using diagnostic techniques
- using critical incident policies and procedures
- utilising Risk Management System
- working with restoration strategies

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:

- contingency and critical incident plans
- critical incident planning and management
- external critical incident authorities
- plant status including system network characteristics
- restoration strategies
- Risk Management Systems
- risk mitigation processes
- typical arrangements of power production plant including plant and equipment, its location and operating parameters
- WHS/OHS legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- workplace documentation
- workplace policies and procedures legislation, industry standards, codes of practice and regulations

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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