



Australian Government

Department of Education, Employment and Workplace Relations

PUAEMR024 Develop treatment options for emergency risk

Release: 1

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Modification History

Release	TP version	Comments
1	PUA12 V1	First release.

Unit Descriptor

This unit describes the outcomes required to determine a range of treatment options which can be used to reduce emergency risk.

Application of the Unit

This unit applies to people who are part of a working group that develops treatment options during an emergency risk assessment with a community or part of a community. Such assessments are conducted at local, regional or state level by local governments, emergency management committees, public safety agencies, major event managers or other organisations that need to understand emergency risk to a community.

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

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

Elements describe the essential outcomes of a Unit of Competency.

PERFORMANCE CRITERIA

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

1. Identify treatment options

- 1.1 Risk treatment objectives are identified in consultation with *stakeholders*.
- 1.2 Existing ***risk treatment options*** are identified through research and stakeholder consultation.
- 1.3 A range of potential risk treatment options are identified through research and stakeholder consultation.

2. Evaluate options

- 2.1 ***Evaluation methods*** are agreed with stakeholders.
- 2.2 Feedback on likely implications and impacts of treatment options is obtained from stakeholders.
- 2.3 Residual risks are assessed for tolerability or acceptance
- 2.4 Cost-benefit analysis is completed for each risk treatment option.

3. Recommend treatment options

- 3.1 Recommended options, including implementation responsibilities, are agreed in consultation with stakeholders.
- 3.2 Recommended options and residual risk are documented according to organisational ***policies and procedures***.
- 3.3 Recommended options are submitted for approval in line with organisational policies and procedures.

4. Develop treatment plan

- 4.1 Treatment options, resources required, milestones, budget, reporting procedures and roles and responsibilities for implementation are identified.
- 4.2 Communication and project management strategies are developed with stakeholders.
- 4.3 Implementation issues are identified and contingencies developed where necessary.
- 4.4 An agreed treatment plan is documented and submitted for approval in accordance with organisational policies procedures.

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- Research and analysis skills to determine potential treatment options
- ability to negotiate and work effectively with stakeholder groups
- analytical techniques to determine residual risk
- analytical techniques to conduct benefit:cost analysis at an appropriate level

Required Knowledge

- emergency risk management concepts and principles included in the current National Emergency Risk Assessment Guidelines and AS/NZS ISO 31000:2009 *Risk management—Principles and Guidelines*
- legislative and regulatory requirements relevant to emergency risk management
- jurisdiction and organisational documentation and submission procedures
- analytical, problem solving and decision making techniques to facilitate evaluating residual risk and cost-benefit analysis
- geospatial databases and presentation options
- range of options for treating emergency risk

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Candidates must demonstrate an ability to work with stakeholders and generate an agreed list of recommended treatment options in an appropriate format.

Consistency in performance

Candidates should be expected to present evidence from at least two different contexts, one of which may be simulated.

Context of and specific resources for assessment

Context of assessment

Evidence of competence in this unit may be collected in a simulated environment and real environment, often as part of a larger project with concurrent assessment of other emergency risk management competencies.

Specific resources for assessment

For the demonstration of competence in this unit it will be necessary to participate in a real-world project. Underpinning knowledge may be assessed through written assignments, project reports, debriefings and action learning projects in real or simulated environments.

Guidance information for

This unit contains many transferable skills, such as

assessment

communication, consultation, research and analysis skills that can be applied in the emergency risk management context. Assessors should use formative assessment strategies in a simulated environment to contextualise underpinning knowledge. Summative assessment requires application of the unit in a real-world project, often in an action-learning project. This unit may be assessed with other units that address other parts of the emergency risk management process.

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Stakeholders may include:

- staff
- client groups
- decision makers
- members of the public
- community groups
- industry groups
- public and private sector organisations
- non-government organisations
- elected officials

Risk treatment options may include:

- avoidance of the risk
- removing a risk source
- changing the likelihood of
- an initiating event or source of risk occurring
- a hazard impacting on elements at risk
- changing the consequences of an identified hazard impact
- sharing the risk
- retaining the risk based on an informed decision

Evaluation methods may include:

- first-pass cost-benefit analysis
- analysis of treatment effectiveness
- potential to create new or secondary risks
- stakeholder acceptability
- legal, regulatory and compliance impact

Policies and procedures may include:

- arrangements specified in legislation
- organisational or jurisdictional emergency risk management policies or procedures

- existing disaster plans, agreements or memoranda of understanding

Unit Sector(s)

Not applicable.

Custom Content Section

Not applicable.