



Australian Government

PUASES008 Undertake storm and water damage operations

Release: 1

PUASES008 Undertake storm and water damage operations

Modification History

Release 1. This is the first release of this unit of competency in the Public Safety Training Package.

Application

This unit of competency involves the skills and knowledge required to undertake storm and water damage operations as a member of a response team.

Flooding whether caused by slow river rise, storm water, storm surge or flash flooding, has a similar impact in terms of water damage. Techniques for minimising the effects of water entry into properties are common to storm, flood and other water damage events.

The unit applies to personnel responding as a member of a team to storm and/or water damage operations in rural and urban environments which can range in intensity and impact from localised thunderstorm or windstorm events to tropical cyclones. Evacuation and rescue by boat are not considered in this unit.

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

Pre-requisite Unit

Not applicable

Competency Field

SES Sector

Unit Sector

State/Territory Emergency Services

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for storm and water operations

PERFORMANCE CRITERIA

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

1.1 Operation and task information is obtained through situational awareness and command structure at an

- incident site
- 1.2** Hazard identification, risk assessment and control measures are undertaken, in accordance with organisational policies and procedures
 - 1.3** Equipment is selected based on incident information and is checked to ensure it is ready for operational use
 - 1.4** Personal protective clothing and equipment is selected and appropriately worn
 - 1.5** Work area isolation methods are applied to ensure safety, in accordance with organisational policies and procedures
 - 1.6** Support for safe and timely evacuation is provided
- 2 Provide information which assists with operations**
- 2.1** Liaison with stakeholders is undertaken to provide information which increases awareness of incident situation, safety and to facilitate operational requirements
 - 2.2** Information is provided to crew/team leader
- 3 Undertake storm and water operations**
- 3.1** Safety is ensured when undertaking and completing operational tasks, by working safely in conjunction with other team members
 - 3.2** Debris is removed, cleared and/or controlled to minimise risk of injury and any further damage to structure and to ensure safe access to and from incident site
 - 3.3** Techniques for temporary repairs and/or improvised support are applied, in accordance with organisational procedures
 - 3.4** Sandbagging techniques are used to minimise further damage
 - 3.5** Water diversions are created to mitigate the effects of damage
 - 3.6** Support is provided to personnel undertaking roof repairs and/or working at height through the setup, placement and access to appropriate tools and equipment
 - 3.7** Trees causing a hazard to life or property are secured,

removed and/or reported, in accordance with organisational policies and procedures

4 Complete operations

- 4.1** Equipment is recovered, cleaned and serviced, in accordance with organisational procedures and manufacturers' guidelines
- 4.2** Equipment failure and/or deficiency is reported, in accordance with organisational procedures
- 4.3** Signs and symptoms of operational stress in self and others are recognised and reported to relevant personnel
- 4.4** Information for operational documentation and equipment logs is contributed to
- 4.5** Debriefing is participated in, as required, in accordance with organisational policies and 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 PUASES008A Undertake storm and water damage operations.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>

Assessment Requirements for PUASES008 Undertake storm and water damage operations

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 and performance criteria on at least one occasion and includes

- applying work area isolation techniques
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- communicating with stakeholders about situational awareness, safety and operational requirements
- completing operations including participating in operational debriefs
- completing organisational documentation
- constructing sandbag barriers and temporary repairs
- identifying and using equipment and tools
- identifying hazards and implementing risk assessment and control measures
- meeting reporting requirements
- preparing for storm and water operations including using task information
- providing information which assists with operations
- recognising and reporting operational stress
- removing debris safely
- returning equipment to operational readiness after use
- supporting roof and height crews to complete operations
- taking precautions against electrical hazards
- undertaking situational awareness
- undertaking storm and water operations
- undertaking water diversions
- using initiative to operate effectively under direction
- using mitigation techniques to minimise and/or restrict water damage
- utilising temporary structural weather proofing techniques to minimise further damage and to make safe
- wearing appropriate personal protective clothing and equipment working safely

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of

- anchors either constructed or improvised characteristics and limitations of equipment and tools
- emergency public information and warning techniques
- equipment and tools including types of pumps and power tools suitable for use
- hazard identification and risk control techniques
- height operations
- legislation related to storm and water operations including entry into property and/or workplaces
- operational and task information requirements
- organisational documentation, policies and procedures
- organisational policies and procedures including performance standards, personnel roles and responsibilities and Work, Health and Safety (WHS)/Occupational Health and Safety requirements, practices and guidelines
- potential stakeholders
- processes and procedures for debriefings
- resources and techniques for communicating with the community
- safety principles and practices
- set up, placement and access to tools and equipment including using safe access techniques
- signs and symptoms of operational stress
- situational awareness processes
- storm and water damage mitigation techniques
- structural integrity
- support organisations and agencies
- water diversions techniques including earth walls, fabricated barriers, work area isolation, temporary repairs and sandbagging
- working at height systems

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 industry approved simulated workplace operational situations that

reflect workplace conditions.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations including
 - storm damage and flood mitigation operations and/or scenarios as a member of a team acting under direction and supervision
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - access to a response team
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operations manuals.

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