



Australian Government

CUAPYR401 Manage health and safety requirements at fireworks displays

Release: 2

CUAPYR401 Manage health and safety requirements at fireworks displays

Modification History

Release	Comments
Release 2	This version released with CUA Creative Arts and Culture Training Package version 2.0. Updated assessment conditions section. Updated modification history section to reflect changed name of training package.
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 1.0.

Application

This unit describes the performance outcomes, skills and knowledge required to integrate legislative requirements into the operation of fireworks display to ensure the safety and health of workers and the general public.

Individuals who apply these skills work autonomously in a team environment as they take responsibility for identifying hazards and mandatory requirements, managing risk and emergency procedures, and communicating safety and health requirements to all those involved in fireworks displays. They may also be responsible for supervising others.

All elements must be undertaken according to the provisions of relevant state or territory legislation and licensing requirements.

Achievement of this unit does not automatically qualify a person to obtain a licence to operate in any Australian State or Territory.

Those developing training to support this unit must consult with the relevant state or territory licensing authority, and work within the requirements and guidelines set down by those authorities.

This unit is closely based on work completed by the Queensland Department of Natural Resources and Mines.

Unit Sector

Media and entertainment production - pyrotechnics

Elements and Performance Criteria

Elements	Performance Criteria
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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Comply with regulatory requirements	1.1 Establish requirements for fireworks licences and associated responsibilities 1.2 Determine relevant legislative and administrative requirements 1.3 Develop methods for interacting with other groups according to regulatory requirements
2. Implement and monitor risk control procedures	2.1 Establish control measures to minimise risk of hazardous events with fireworks based on the hierarchy of control measures 2.2 Implement required safety and security management system and associated emergency procedures 2.3 Establish required quality systems 2.4 Critically examine previous incidents with fireworks in view of current legislation and industry best practice 2.5 Brief work groups on requirements and procedures, and supervise operations during fireworks displays
3. Manage emergencies and malfunctions	3.1 Identify the types of emergencies that may occur during fireworks displays and their statutory notification requirements 3.2 Evaluate techniques for recognising malfunctions of fireworks 3.3 Implement necessary actions for managing emergencies as required 3.4 Apply appropriate emergency procedures to incident scenarios 3.5 In consultation with relevant personnel, evaluate the effectiveness of safety and health procedures and note areas for improvement
4. Train personnel	4.1 Establish health, safety and other training needs for work groups 4.2 Identify personnel who require health and safety training 4.3 Provide training to meet identified needs

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance	Description
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	Criteria	
Reading	1.2, 2.4, 3.2	Obtains information from complex written sources
Writing	3.5	Documents health, safety and other training needs
Oral communication	1.3, 2.5, 3.3, 3.4, 3.5, 4.1, 4.2, 4.3	- Seeks the views and opinions of others - Obtains information by listening and questioning - Uses clear language to contribute information and express requirements
Navigate the world of work	1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 3.1, 3.3, 3.4	- Keeps up-to-date with changes to legislation or regulations relevant to own responsibilities and considers their implications when negotiating, planning and undertaking work - Works independently and collectively within broad parameters, with a strong sense of responsibility for goals, plans, decisions and outcomes - Takes responsibility for meeting legal and regulatory responsibilities within scope of own role
Interact with others	1.3, 2.5, 3.3, 3.4, 3.5, 4.1, 4.2, 4.3	- Collaborates to achieve joint outcomes and takes a leadership role to help facilitate effective group interaction and direction - Provides feedback to others in work and training situations
Get the work done	1.1, 1.3, 2.1, 2.2, 2.3, 2.5, 3.1, 3.3, 3.4, 3.5, 4.1, 4.2, 4.3	- Sequences and schedules complex activities, monitors their implementation, and manages relevant communication - Reviews progress against goals, adjusting plans and resources to cope with contingencies - Makes a range of critical and non-critical decisions in relatively complex situations, taking a range of constraints into account - Identifies opportunities for improvement based on outcomes of evaluating safety aspects of fireworks displays - Recognises and anticipates an increasing range of familiar problems and their symptoms and causes, actively looking for early warning signs and implementing contingency plans - In familiar contexts, responds to problems

		requiring immediate attention, drawing on past experience to devise solutions
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAPYR401 Manage health and safety requirements at fireworks displays (Release 2)	CUAPYR401 Manage health and safety requirements at fireworks displays (Release 1)	Updated assessment conditions section. Updated modification history section to reflect changed name of training package.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUAPYR401 Manage health and safety requirements at fireworks displays

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Performance Evidence

Evidence of the ability to:

- supervise a work group during at least one fireworks display
- recognise and report hazards to designated personnel during fireworks displays
- apply procedures for assessing and controlling risks to safety associated with hazards, according to the hierarchy of control measures
- communicate effectively about hazards and risks in the workplace to all relevant personnel
- comply with legislation, procedural requirements and licensing provisions related to the operation of fireworks displays.

Note: If a specific volume or frequency is not stated, then evidence must be provided for each of the above points at least once.

Knowledge Evidence

To complete the unit requirements the individual must:

- provide examples of issues and challenges that typically arise when managing health and safety at fireworks displays, along with examples of how they can be addressed
- explain how legislation and statutory requirements affect business operations with regard to safety and health issues associated with fireworks displays
- explain public liability and workers compensation requirements in relation to operating fireworks displays
- explain the process for identifying and controlling hazards associated with fireworks displays

- explain the relationship between fireworks legislation and organisational management, systems and procedures
- describe characteristics and composition of work groups and other persons associated with fireworks displays.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

- legislative, administrative, and specific technical material and prescribed forms and documents
- typical work procedures, safety management systems, emergency plans, quality systems and case study scenarios
- a suitable work area to conduct risk control or desktop emergency exercises
- personal record-keeping book
- specific assessment requirements as identified by local licensing authorities.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

Significant health and safety issues impact on the delivery and assessment of skills in pyrotechnics. Assessment of these skills must therefore be undertaken in consultation with state or territory licensing authorities and customised according to the specific fireworks (outdoor, close proximity and/or special effects). Assessors may need to meet additional requirements where stipulated by state or territory regulations.

Assessors must be aware of, and consult with authorities on matters regarding, safety of personnel; safety of crowds and spectators; storage and transportation of pyrotechnic materials; and weather, site and venue conditions. Those seeking to assess competency in this unit must consult with the relevant state or territory licensing authority, and work within the requirements and guidelines set down by those authorities.

Links

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<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>