



Australian Government

CUAPYR411 Manage health and safety requirements at fireworks displays

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

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. It involves determining different regulatory requirements, establishing risk control procedures, managing emergency situations and training other personnel.

The unit applies to those who 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.

Licensing and legislative requirements apply to this unit but vary according to state/territory jurisdictions.

Completion of this unit does not automatically qualify a person to obtain a licence to operate in any Australian state or territory.

Users are advised to check with the relevant 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

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify regulatory	1.1 Establish requirements for fireworks licences and associated

ELEMENT	PERFORMANCE CRITERIA
requirements	responsibilities 1.2 Determine applicable 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 Identify and implement required safety and security management system and associated emergency procedures 2.3 Identify and 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
3. Manage emergencies and malfunctions	3.1 Identify 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 required emergency procedures to incident scenarios 3.5 Evaluate effectiveness of safety and health procedures and note areas for improvement in consultation with required personnel
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 those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Obtains information from complex written sources
Writing	Documents health, safety and other training needs

SKILL	DESCRIPTION
Oral communication	• Seeks the views and opinions of others • Obtains information by listening and questioning • Contributes information and expresses requirements using clear language
Self-management	• Keeps up-to-date with changes to legislation or regulations applicable to own responsibilities and considers their implications when negotiating, planning and undertaking work • Works independently and collaboratively 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
Teamwork	• 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
Planning and organising	• Sequences and schedules complex activities, monitors their implementation, and manages required communication • Reviews progress against goals, adjusting plans and resources to cope with contingencies
Initiative and enterprise	• Makes different critical and non-critical decisions in relatively complex situations, taking different constraints into account • Identifies opportunities for improvement based on outcomes of evaluating safety aspects of fireworks displays
Problem solving	• Recognises and anticipates different familiar problems and their symptoms and causes, actively looking for early warning signs and implementing contingency plans • Responds to problems requiring immediate attention, drawing on past experience to devise solutions in familiar contexts

Unit Mapping Information

Supersedes and is equivalent to CUAPYR401 Manage health and safety requirements at fireworks displays.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for CUAPYR411 Manage health and safety requirements at fireworks displays

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- supervise a work group during at least two different fireworks displays.

In the course of the above, the candidate must:

- recognise and report hazards to designated personnel during fireworks display
- supervise operations during fireworks display
- 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 required personnel
- comply with legislation, procedural requirements and licensing provisions related to the operation of fireworks displays.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- issues and challenges that typically arise when managing health and safety at fireworks displays, and strategies to address them
- impact of legislation and statutory requirements on business operations with regard to safety and health issues associated with fireworks displays
- public liability and workers compensation requirements in relation to operating fireworks displays
- process for identifying and controlling hazards associated with fireworks displays
- relationship between fireworks legislation and organisational management, systems and procedures
- hierarchy of control measures associated with fireworks displays
- different types of commonly used fireworks that include cold sparks

- characteristics and composition of work groups and other persons associated with fireworks displays.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes 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.

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.

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 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. Assessors may need to meet additional requirements where stipulated by state or territory regulations.

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

Links

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