



Australian Government

CUALGT503 Manage lighting operations for outdoor events

Release: 2

CUALGT503 Manage lighting operations for outdoor events

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 plan, install and manage the operation of lighting systems at outdoor events, where factors such as weather conditions can significantly affect operations.

Individuals who apply these skills are expected to display a high level of initiative and judgement as they take responsibility for ensuring the quality of lighting at productions and events held outdoors.

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

Unit Sector

Media and entertainment production – lighting

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan lighting for outdoor events	1.1 Determine lighting requirements in consultation with relevant personnel and with reference to production documentation 1.2 Review regulations that affect the design of outdoor lighting systems, with particular reference to environmental and insurance requirements 1.3 Assess venues or sites to identify availability of power and other issues to be considered when setting up outdoor lighting

	systems, and plan for contingencies 1.4 Do a job safety analysis of tasks and incorporate health and safety considerations into overall planning 1.5 Develop schedules of outdoor lighting system requirements, with specific reference to additional infrastructure and equipment requirements 1.6 Reach agreement on final configuration of outdoor lighting systems, allowing adequate time for installation and testing prior to events
2. Install lighting systems for outdoor events	2.1 Complete checks to ensure availability of all resources prior to installation 2.2 Supervise the connection of control systems 2.3 Monitor progress of lighting system installation against work plans and implement contingency plans as required to ensure that production deadlines are met 2.4 Ensure that all work activities comply with health and safety and industry award guidelines 2.5 Progressively test aspects of lighting system installation to check that required lighting effects can be achieved 2.6 Use the services of licensed personnel to complete specialised work as required 2.7 Liaise with relevant personnel during installation to ensure efficiency of installation and maximum cooperation 2.8 Review finished installation with relevant personnel and make adjustments as required
3. Monitor outdoor lighting operations	3.1 Monitor weather and overall quality of lighting and take action to rectify problems 3.2 Communicate with colleagues during operation to share information and ensure quality of productions 3.3 In consultation with relevant personnel, evaluate effectiveness of outdoor lighting operations and note areas for future improvement

Foundation Skills

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

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 2.3	Obtains information from complex written sources
Writing	1.6, 3.3	Prepares and maintains workplace documentation
Oral communication	1.1, 1.3, 2.2, 2.6, 2.7, 2.8, 3.2, 3.3	- Obtains information by listening and questioning - Uses clear language to contribute information and express requirements
Numeracy	1.3, 1.6	Performs calculations and takes measurements when developing lighting system specifications
Navigate the world of work	1.1, 1.2, 1.4, 1.6, 2.3, 2.4, 2.6, 3.3	- Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes - Follows workplace protocols, as well as regulatory and safety procedures - Demonstrates a commitment to improving own work performance through contributing to evaluations of outdoor lighting operations
Interact with others	1.1, 1.3, 1.6, 2.2, 2.6, 2.7, 2.8, 3.2, 3.3	- Builds rapport in order to establish effective work relationships - Recognises and applies appropriate communication protocols - Takes a leadership role when managing lighting operations for outdoor events
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 3.1, 3.2, 3.3	- Sequences and schedules complex activities, monitors implementation and manages relevant communication - Reviews progress against goals, adjusting plans and resources to cope with contingencies - Considers whether, and how, others should be involved - Responds to problems requiring immediate attention, drawing on past experience to devise solutions - Manages time efficiently to meet work deadlines - Applies knowledge of lighting concepts and principles to the installation and management of lighting operations for outdoor events

		• Uses standard word processing and spreadsheet applications to prepare lighting documentation
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUALGT503 Manage lighting operations for outdoor events (Release 2)	CUALGT503 Manage lighting operations for outdoor events (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 CUALGT503 Manage lighting operations for outdoor events

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Performance Evidence

Evidence of the ability to:

- develop specifications for lighting systems that meet production requirements in an outdoor setting on at least two occasions
- manage the installation and operation of lighting operations for outdoor events on at least two occasions
- work collaboratively.

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:

- explain how a range of lighting equipment and accessories can be used to achieve different lighting effects
- provide examples of work health and safety issues and hazards associated with operating lighting equipment outdoors, and suggest ways of responding to them
- explain legal, regulatory and environmental issues that impact on operating lighting in outdoor venues
- explain the impact of different types of outdoor sites on electricity provision
- provide examples of issues and challenges that typically arise when managing lighting operations for outdoor events, along with strategies for addressing them.

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 an outdoor venue and lighting and staging equipment suitable for outdoor use.

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

Links

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