



Australian Government

CUALGT513 Manage lighting operations for outdoor events

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 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.

The unit applies to those who display a high level of initiative and judgement as they take responsibility for ensuring the quality of lighting at productions and events held outdoors. It involves the planning, supervision and installation of lighting technologies.

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

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. Plan lighting for outdoor events	1.1 Determine lighting requirements in consultation with required personnel and according to production documentation 1.2 Review regulations that affect the design of outdoor lighting systems, in consideration of environmental and insurance requirements 1.3 Assess venues or sites to identify availability of power and other issues, and plan for contingencies 1.4 Perform a job safety analysis of tasks and incorporate health and safety considerations into overall planning 1.5 Develop schedules of outdoor lighting system requirements, paying special attention to additional infrastructure and

ELEMENT	PERFORMANCE CRITERIA
	equipment requirements 1.6 Reach agreement on final configuration of outdoor lighting systems
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 2.4 Implement contingency plans as required to ensure that production deadlines are met 2.5 Confirm all work activities comply with health and safety requirements 2.6 Test aspects of lighting system installation regularly to check that required lighting effects can be achieved 2.7 Use the services of licensed personnel to complete specialised work as required 2.8 Liaise with required personnel during installation as required 2.9 Review finished installation with required personnel, and adjust as required
3. Monitor outdoor lighting operations	3.1 Monitor quality of lighting and take action to rectify problems as required 3.2 Communicate effectively with colleagues regarding lighting installation processes 3.3 Evaluate outdoor lighting operations with required personnel and note areas for future improvement

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	Prepares and maintains workplace documentation
Oral communication	- Obtains information by listening and questioning - Uses clear language to contribute information and express requirements

SKILL	DESCRIPTION
Numeracy	• Performs calculations and takes measurements when developing lighting system specifications
Self-management	• Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes • Demonstrates a commitment to improving own work performance • Manages time efficiently to meet work deadlines
Teamwork	• Builds rapport and establishes effective work relationships • Recognises and applies communication protocols
Initiative and enterprise	• Manages work activities and communication with personnel • Resolves issues, leveraging technical knowledge and experience
Technology	• Uses standard word processing and spreadsheet applications to prepare lighting documentation

Unit Mapping Information

Supersedes and is equivalent to CUALGT503 Manage lighting operations for outdoor events.

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 CUALGT513 Manage lighting operations for outdoor events

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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:

- manage the installation and operation of lighting operations for at least one outdoor event according to production requirements.

In the course of the above, the candidate must:

- develop specifications for lighting systems that meet production requirements in an outdoor setting
- work collaboratively with others in planning and managing lighting operations.

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:

- lighting equipment and accessories to achieve different lighting effects
- work health and safety issues and hazards associated with operating lighting equipment outdoors, and ways of responding to them
- legal, regulatory and environmental issues that impact on operating lighting in outdoor venues
- impact of different types of outdoor sites on electricity provision
- issues and challenges that typically arise when managing lighting operations for outdoor events and strategies to address them.

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:

- an outdoor venue and lighting and staging equipment suitable for outdoor use
- workplace documentation.

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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