



Australian Government

CUASOU511 Manage audio 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 audio systems at outdoor events where factors can significantly affect operations.

The unit applies to those who have responsibility for ensuring the quality of sound at productions and events held outdoors. They are expected to display a high level of initiative and judgement when managing audio operations and may be responsible for supervising others in audio operations.

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

Unit Sector

Media and entertainment production – Audio/sound

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 audio for outdoor events	1.1 Determine audio requirements for outdoor event in consultation with required personnel and with reference to production requirements and documentation 1.2 Review regulations that affect the design of outdoor audio systems 1.3 Assess venue or site and note specific factors and contingencies to be considered when setting up outdoor audio system 1.4 Record site information that will assist with system design 1.5 Develop audio system specifications according to audio and production requirements 1.6 Develop schedule of outdoor audio system requirements, with reference to infrastructure and equipment requirements

ELEMENT	PERFORMANCE CRITERIA
	1.7 Confirm final configuration of outdoor audio system and check timeframe for installation and testing prior to event
2. Install audio systems for outdoor events	2.1 Confirm availability of all resources prior to installation phase 2.2 Install audio system according to safety procedures and audio requirements 2.3 Confirm installed audio system for compliance with site restrictions, emergency procedures and noise pollution limitations 2.4 Use services of licensed personnel to complete specialised work as required 2.5 Confirm there is a sufficient reserve of mains power required for event
3. Manage outdoor audio operations during events	3.1 Monitor sound dispersion, weather and overall sound quality during event, and take action to rectify problems that arise 3.2 Monitor reporting system for sound pressure levels at various positions on and off site 3.3 Monitor ambient temperature and re-evaluate time delay settings as required 3.4 Communicate with required personnel during operation and share information as required 3.5 Evaluate and seek feedback on outdoor audio operation, 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
Numeracy	Performs calculations and takes measurements when developing audio system specifications
Oral communication	Uses clear language to contribute information and express requirements
Reading	Obtains information from written sources and documentation
Writing	- Prepares and maintains workplace documentation - Records site information in a suitable format
Planning and organising	Sequences and schedules complex activities, monitors implementation and manages communication with others

SKILL	DESCRIPTION
Self-management	• Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes • Follows regulatory and safety procedures • Reviews progress against outcomes, adjusting plans and resources to cope with contingencies • Recognises and applies accepted communication protocols
Teamwork	• Builds rapport in order to establish effective work relationships • Takes a leadership role when managing audio operations for outdoor events
Technology	• Uses standard applications when preparing audio documentation

Unit Mapping Information

Supersedes and is equivalent to CUASOU501 Manage audio 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 CUASOU511 Manage audio 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 audio systems for at least two different outdoor events.

In the course of the above, the candidate must:

- develop specifications for audio systems that meet production requirements in an outdoor setting
- consider power issues, loudspeaker requirements and sound pressure factors when developing audio system specifications
- collaborate and liaise with required personnel during audio installation processes and during outdoor events
- apply knowledge of audio concepts and principles to installation and management of audio operations for outdoor events.

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:

- measures to compensate for time delays between spaced speaker arrays
- key legal, regulatory and environmental issues that impact on operating audio systems in outdoor settings, including:
 - specifications
 - design
 - noise pollution
 - insurance
 - services requiring licensed personnel
 - work, health and safety (WHS) requirements

- strategies to evaluate and seek feedback to identify improvements
- issues and challenges that typically arise when managing audio operations for outdoor events and strategies for addressing them, including health and safety issues associated with operating audio equipment outdoors
- ways to collaborate with others
- impact of different types of outdoor sites on electricity.

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:

- interaction with personnel required to demonstrate the performance evidence
- outdoor venues and audio systems required to demonstrate the performance evidence
- staging equipment that can be used outdoors.

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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