



Australian Government

CUASOU501 Manage audio operations for outdoor events

Release: 2

CUASOU501 Manage audio 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 audio 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 sound 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 - audio/sound

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 audio for outdoor events	1.1 Determine audio requirements in consultation with relevant personnel and with reference to production documentation 1.2 Review regulations that affect the design of outdoor audio systems, with particular reference to noise pollution and insurance requirements 1.3 Assess venues or sites to determine specific factors to consider

	when setting up outdoor audio systems, and plan for contingencies 1.4 Record site information in an appropriate format to assist with system design 1.5 Develop audio system specifications which take full account of power issues, loudspeaker requirements and sound pressure factors 1.6 Develop schedules of outdoor audio system requirements, with specific reference to additional infrastructure and equipment requirements 1.7 Reach agreement on final configuration of outdoor audio systems, allowing adequate time for installation and testing prior to events
2. Install audio systems for outdoor events	2.1 Complete checks to ensure availability of all resources prior to installation phase 2.2 Install audio systems according to safety procedures and test for their compliance with site restrictions, emergency procedures and noise pollution limitations 2.3 Use the services of licensed personnel to complete specialised work as required 2.4 Liaise with relevant personnel during installation to ensure efficiency of installation and their cooperation 2.5 Ensure a sufficient reserve of mains power
3. Monitor outdoor audio operations	3.1 Monitor sound dispersion, weather and overall sound quality and take action to rectify problems 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 accordingly 3.4 Communicate with colleagues during operation to share information and ensure quality of productions 3.5 In consultation with relevant personnel, evaluate effectiveness of outdoor audio 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	Description
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	Criteria	
Learning	3.5	Seeks feedback from others to understand and identify areas for improvement
Reading	1.1, 1.2	Obtains information from complex written sources
Writing	1.4	Prepares and maintains workplace documentation
Oral communication	1.1, 1.3, 1.7, 2.3, 2.4, 3.4, 3.5	- Obtains information by listening and questioning - Uses clear language to contribute information and express requirements
Numeracy	1.5	Performs calculations and takes measurements when developing audio system specifications
Navigate the world of work	1.1, 1.2, 1.4, 1.7, 2.3, 2.4, 2.5	- 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
Interact with others	1.1, 1.3, 1.7, 2.3, 2.4, 3.4, 3.5	- Builds rapport in order to establish effective work relationships - Recognises and applies appropriate communication protocols - Takes a leadership role when managing audio operations for outdoor events
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4	- 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 audio concepts and principles to the installation and management of audio operations for outdoor events - Uses standard word processing and spreadsheet applications to prepare audio

		documentation
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU501 Manage audio operations for outdoor events (Release 2)	CUASOU501 Manage audio 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 CUASOU501 Manage audio operations for outdoor events

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Performance Evidence

Evidence of the ability to:

- develop specifications for audio systems that meet production requirements in an outdoor setting on at least two occasions
- manage the installation and operation of audio 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 delay is applied in audio systems to deal with the speed of sound
- provide examples of health and safety issues and hazards associated with operating audio equipment outdoors, and suggest ways of responding to them
- explain legal, regulatory and environmental issues that impact on operating audio in outdoor venues
- explain the impact of different types of outdoor sites on electricity
- provide examples of issues and challenges that typically arise when managing audio 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 audio
- 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

Companion Volume implementation guides are found in VETNet -

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