



Australian Government

CUASOU331 Undertake live audio operations

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 interpret audio production requirements, participate in technical run-throughs and operate professional audio equipment during live performances in the screen, media, entertainment and events industries.

The unit applies to those who carry out live audio operations with some discretion and judgment and operate under broad supervision within an established framework of plans and procedures.

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. Participate in technical or creative run-throughs	1.1 Determine audio requirements using required documentation and consultation with required personnel 1.2 Position and set up equipment for operation according to production requirements 1.3 Plot and run through cues on direction from required personnel and according to equipment, sequencing, timing and speed requirements 1.4 Implement and document changes to audio operations according to organisational procedures 1.5 Communicate technical information to performers and

ELEMENT	PERFORMANCE CRITERIA
	presenters
2. Prepare for audio operations	2.1 Test and confirm equipment is working, and make adjustments as required 2.2 Document adjustments according to organisational procedures 2.3 Identify and rectify or refer equipment problems to required personnel as required
3. Operate professional audio equipment	3.1 Execute audio cues according to running sheets or directions from required personnel 3.2 Identify changes required during performances and modify cues to cater for unexpected events and minimise negative impact on performances 3.3 Produce required technical level and tonal balances using console 3.4 Adjust equalisation for required tonal balance 3.5 Balance signal levels 3.6 Maintain overall audio level in line with requirements of environment 3.7 Play back audio effects through speakers according to requirements 3.8 Monitor equipment throughout performances and resolve problems as required
4. Complete post-performance procedures	4.1 Power down equipment at according to manufacturer instructions, organisational procedures and safety requirements 4.2 Complete equipment maintenance and re-setting in preparation for next performance 4.3 Update documentation and process as required 4.4 Evaluate effectiveness of audio 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
Numeracy	• Performs calculations when plotting cues

SKILL	DESCRIPTION
Oral communication	• Obtains information by listening and questioning • Uses clear language to contribute information and express requirements • Understands what to communicate, with whom and how in required work situations
Reading	• Obtains information from written sources
Writing	• Documents outcomes of evaluations and updates documentation as required
Teamwork	• Identifies and completes task requirements in collaboration with others • Follows accepted communication practices and protocols
Initiative and enterprise	• Understands purpose of own role and associated responsibilities, and how they contribute to work of others in required work context • Improves own work performance through contributing to evaluations of audio operations • Understands when to take responsibility and when to notify others • Completes own tasks within required timeframes and in logical sequence
Problem solving	• Recognises and takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts
Self-management	• Identifies and follows procedures and expectations associated with own role
Technology	• Operates full range of features of professional audio equipment • Uses required software applications to update production documentation

Unit Mapping Information

Supersedes and is not equivalent to CUASOU301 Undertake live audio operations.

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 CUASOU331 Undertake live audio operations

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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:

- operate professional audio equipment and meet production requirements during at least one live performance.

In the course of the above, the candidate must:

- determine audio requirements using required documentation and consultation with required personnel
- follow safety procedures when operating audio equipment
- work collaboratively during productions
- evaluate effectiveness of audio operations with required personnel and identify one or more areas for improvement.

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:

- key factors, purpose and procedures relating to industry terminology:
 - digital audio consoles
 - wireless sound technologies
 - auxiliary control interfaces
 - moving fader automation
 - lithium polymer (LiPo), alkaline and other applicable batteries
 - cable rolling
 - signal flow operation and delivery
- features, formats and purpose of audio production documentation
- characteristics of sound in different environments
- audio effects and when to use them

- techniques for amplifying music to suit varying live environment conditions
- common faults and problems in live audio environments, and strategies to address them
- health and safety requirements required for working with electricity and noise.

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:

- professional audio equipment used for live productions or events
- relevant 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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