



Australian Government

CUASOU512 Manage operation of stage monitor systems

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, set up and operate stage monitor systems for performers in live productions and events.

The unit applies to those who are responsible for addressing and managing the on-stage mixing requirements of each performer in a group. They are expected to display a high level of initiative and judgement in their role.

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 stage monitor systems	1.1 Confirm production requirements and timeframes for stage monitor system set-up and testing in consultation with required personnel 1.2 Analyse and confirm performance and venue information and requirements 1.3 Prepare stage layout diagrams with proposed placement of stage monitor equipment 1.4 Select stage monitor loudspeakers, in-ear monitors and associated cabling 1.5 Select suitable monitoring and communication systems and confirm they are in place for all required personnel 1.6 Confirm availability of in-ear and wireless equipment and accessories as required

ELEMENT	PERFORMANCE CRITERIA
2. Manage set-up of equipment	2.1 Position stage monitor equipment according to health and safety requirements 2.2 Set up and check stage monitor console, processing and amplification racks, and monitors are operational and meet system specifications 2.3 Confirm that replacement equipment is available in the event of equipment failure 2.4 Label stage monitor consoles and processing equipment so that functions are clearly identified
3. Test and adjust systems for performances	3.1 Test all components of stage monitor systems and undertake a complete line check of all inputs according to safe work practices 3.2 Individually equalise each stage monitor send and set top gain indication for microphones 3.3 Minimise interference between adjacent monitor speakers 3.4 Run complete system up to safe working limit and check performance and mains power availability, taking into account front of house speaker system requirements 3.5 Complete a check of final set-up against production and performance requirements
4. Manage operations during performances	4.1 Operate faders and produce a suitable level for required sound, and check each send in regular rotation 4.2 Make required adjustments to equalisers in line with desired tonal quality 4.3 Add effects and other signal processing as required according to production requirements 4.4 Monitor sources and outputs both aurally and visually during performance, checking that production requirements are being met 4.5 Identify and rectify any stage monitor system problems that arise during performance
5. Manage post-show operations	5.1 Complete workplace documentation according to organisational procedures and production requirements 5.2 Disconnect, handle, clean, and store equipment according to organisational procedures 5.3 Clean and restore work environment to its pre-performance condition 5.4 Evaluate performance of stage monitor systems with crew members and performers 5.5 Identify and implement recommendations aimed at improving overall effectiveness of stage monitor systems as required

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	• Uses measurements and numerical aspects of audio consoles
Oral communication	• Contributes information and expresses requirements using clear language
Writing	• Prepares and updates workplace documentation in a legible format
Planning and organising	• Manages time efficiently to meet work deadlines
Problem solving	• Responds to problems requiring immediate attention, drawing on experience to devise solutions
Self-management	• Recognises and applies accepted communication protocols • Works independently and collectively with a strong sense of responsibility for goals, plans, decisions and outcomes • Implements improvements based on outcome of evaluations of offstage monitor systems
Teamwork	• Builds rapport in order to establish effective work relationships with performers and stage crew • Takes a leadership role when managing the operation of stage monitor systems
Technology	• Uses standard applications to prepare workplace documentation

Unit Mapping Information

Supersedes and is equivalent to CUASOU502 Manage the operation of stage monitor systems.

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 CUASOU512 Manage operation of stage monitor systems

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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:

- plan, set up and operate stage monitor systems for at least two different productions, according to production and performance requirements.

In the course of the above, the candidate must:

- perform a monitor mix
- demonstrate a collaborative working relationship with performers and others throughout productions
- undertake all work in line with work health and safety (WHS) requirements.

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:

- information required to plan stage monitor systems
- features of a variety of stage monitor systems and how they are used in different production contexts
- procedures for and types of equipment and accessories that are used in the operation and management of stage monitor systems
- ways to collaborate with others
- organisational procedures for setting up, operating and packing up equipment, including those relating to:
 - completing required documentation
 - disconnecting, handling, storing and cleaning stage equipment
- issues that typically arises in the context of managing operation of stage monitor systems, including:
 - safety issues associated with the set-up and installation of stage monitor systems

- issues that need to be addressed in different performance situations in relation to foldback mixing, and equalising foldback speakers, in the context of stage monitors
- strategies to evaluate performance to identify improvements
- WHS requirements that relate to operating stage monitor systems and handling stage equipment
- processes for addressing issues and challenges that typically arise when operating stage monitor systems in a live production environment.

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:

- stage monitor equipment required to demonstrate the performance evidence
- a venue where a stage monitor system can be set up and operated
- interaction with others required to demonstrate the performance evidence.

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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