



Australian Government

CUASOU502 Manage the operation of stage monitor systems

Release: 2

CUASOU502 Manage the operation of stage monitor systems

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

Individuals who apply these skills are expected to display a high level of initiative and judgement as they take responsibility for addressing the on-stage mixing requirements of each performer in a group or orchestra.

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 stage monitor systems	1.1 Analyse performance and venue information to inform planning of stage monitor systems 1.2 In consultation with relevant personnel, confirm requirements and timeframes for stage monitor system set-up and testing 1.3 Prepare stage layout diagrams with proposed placement of stage monitor equipment 1.4 Select appropriate stage monitor loudspeakers or in-ear

	monitors and associated cabling for each required send 1.5 Ensure adequate monitoring and communication systems are in place for all relevant personnel 1.6 Ensure availability of in-ear or wireless equipment and accessories
2. Manage the set-up of equipment	2.1 Set up and check stage monitor console, processing and amplification racks, and engineer's monitor 2.2 Check that there is an adequate supply of resources in the event of equipment breakdown 2.3 Label stage monitor consoles and processing equipment so that functions are clearly identified 2.4 Position stage monitor equipment according to health and safety requirements 2.5 Crosscheck final set-up against production requirements
3. Adjust systems for performances	3.1 Test all components of stage monitor systems, including a complete line check of all inputs 3.2 Individually equalise each stage monitor send to avoid run-away feedback and set top gain indication for microphones 3.3 Crosscheck all adjacent stage monitor sends to allow for acoustic interference 3.4 Run complete system up to safe working limit to check performance and mains power availability, taking into account front of house speaker system requirements
4. Manage operations during performances	4.1 Reconfirm production requirements with performers and check that set-up meets individual requirements in relation to quality, balance and sound levels 4.2 Operate faders to produce a level appropriate to the required sound, and check each send in regular rotation 4.3 Make appropriate adjustments to equalisers to produce appropriate tonal quality 4.4 Add effects and other signal processing as required 4.5 Monitor sources and outputs both aurally and visually to ensure that production requirements are met 4.6 Maintain a positive working relationship with performers and others throughout productions 4.7 Troubleshoot and rectify stage monitor system problems during performances 4.8 Ensure that all work is undertaken in line with work health and

	safety requirements
5. Manage post-show operations	5.1 Complete workplace documentation according to organisational procedures and production requirements 5.2 Handle, clean, maintain and store equipment according to organisational procedures 5.3 Clean and restore the work environment to its original condition 5.4 Involve crew members and performers in evaluations of stage monitor systems and modify procedures as required 5.5 Contribute to evaluations of productions and implement recommendations aimed at improving overall effectiveness of stage monitor systems

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1	Obtains information from written sources
Writing	1.3, 5.1	Prepares and maintains workplace documentation
Oral communication	1.2, 1.5, 1.6, 2.1, 2.2, 4.1, 4.6, 4.7, 4.8, 5.2, 5.3, 5.4, 5.5	- Obtains information by listening and questioning - Uses clear language to contribute information and express requirements
Numeracy	4.2, 4.3, 4.4, 4.5	Works with measurements and numerical aspects of audio consoles
Navigate the world of work	1.2, 2.3, 2.4, 2.5, 4.1, 4.8, 5.1, 5.2, 5.3	- 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	1.2, 1.5, 1.6, 2.1, 2.2, 4.1, 4.6, 4.7, 4.8, 5.2, 5.3, 5.4, 5.5	- Builds rapport in order to establish effective work relationships - Recognises and applies appropriate communication protocols - Takes a leadership role when managing the

		operation of stage monitor systems
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.7, 4.8, 5.1, 5.2, 5.3, 5.4, 5.5	- Sequences and schedules complex activities, monitors implementation and manages relevant communication - Reviews progress against goals, adjusting plans and resources to cope with contingencies - 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 planning, setting up and operating stage monitor systems - Implements improvements based on outcome of evaluations of offstage monitor systems - Uses standard word processing and spreadsheet applications to prepare workplace documentation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU502 Manage the operation of stage monitor systems (Release 2)	CUASOU502 Manage the operation of stage monitor systems (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 CUASOU502 Manage the operation of stage monitor systems

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Performance Evidence

Evidence of the ability to:

- plan, set up and operate stage monitor systems for at least two productions, meeting production and performer requirements
- 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:

- describe the types of information required to plan stage monitor systems
- describe the features of a range of stage monitor systems and how they are used in different contexts
- provide examples of safety issues associated with the set-up and installation of stage monitor systems
- in the context of stage monitor systems, describe issues that need to be addressed in different performance situations in relation to foldback mixing, and equalising foldback speakers
- suggest ways of addressing issues and challenges that typically arise when operating stage monitor systems in a live production environment.

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:

- stage monitor equipment
- a venue where a stage monitor system can be set up and operated.

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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