CUASOU308 Install and disassemble audio equipment

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Modification History

Release	Comments
Release 2	This version first released with CUA Creative Arts and Culture Training Package version 3.0. Updates to Knowledge Evidence.
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Application

This unit describes the skills and knowledge required to install and disassemble audio equipment for a range of live performance and entertainment productions.

It applies to individuals who work collaboratively as part of a production team to install, align, test and disassemble audio equipment for playback, mixing and recording purposes.

The model Work Health and Safety (WHS) Regulations list the work that requires a high risk work licence, including dogging and rigging. Completion of the following units is required for certification at basic, intermediate and advanced levels:

- CPCCLDG3001A Licence to perform dogging
- CPCCLRG3001A Licence to perform rigging basic level
- CPCCLRG3002A Licence to perform rigging intermediate level
- CPCCLRG4001A Licence to perform rigging advanced level.

Sets and staging for some productions may fall within the definition of construction work. Under section 274 of the WHS Act, it is a requirement of the approved Code of Practice for Construction Work that any person entering a construction site must successfully complete general construction induction training through a Registered Training Organisation. Completion of the unit CPCCOHS1001A Work safely in the construction industry fulfils this requirement.

Unit Sector

Media and entertainment production – audio/sound

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare for installation of audio equipment	1.1 Interpret production documentation and requirements, and confirm with relevant people
	1.2 Assess acoustic characteristics of venue with relevant people and select appropriate equipment and accessories
	1.3 Calculate power requirements and identify power locations and patching requirements
	1.4 Confirm and organise special requirements with relevant people
2. Install audio equipment	2.1 Secure and label cabling in line with production requirements
	2.2 Set up power distribution in line with production requirements
	2.3 Position microphones, accessories and cabling
	2.4 Confirm fitted lapel microphones meet technical performance standards
	2.5 Confirm phantom power is provided at microphone inputs
	2.6 Connect effects rack to mixer in line with production requirements
	2.7 Follow safe work practices when installing equipment
3. Align audio equipment	3.1 Match audio equipment according to level, impedance, phase and frequency
	3.2 Route test signals to correct destination
	3.3 Confirm test signal level meets production requirements
	3.4 Tune the system to avoid feedback
4. Test audio equipment	4.1 Check microphone lines for continuity and patching
	4.2 Test microphones and confirm they are functioning correctly
	4.3 Fit microphones to relevant people and perform sound cues as required
	4.4 Patch, test and tune sound reinforcement system to suit production venue
	4.5 Conduct sound check and document any adjustments in line with production requirements
	4.6 Inform relevant people of any problems that arise during

ELEMENT	PERFORMANCE CRITERIA
	testing processes
5. Disassemble audio equipment	5.1 Disassemble equipment in line with production requirements
	5.2 Check audio equipment against inventory before packing, and report lost or damaged equipment to appropriate people
	5.3 Pack equipment and accessories and prepare for transit or storage in line with safe work practices and production requirements
	5.4 Clean and restore work environment to previous condition
	5.5 Seek feedback from relevant people on own work performance, and note areas for 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 Criteria	Description
Reading	1.1, 2.1, 2.4, 4.5, 5.2	• Recognises and interprets textual information in accordance with regulations and job requirements
Writing	2.1, 5.2	• Applies labels accurately and legibly, using correct technical vocabulary • Uses specific and relevant language to complete workplace documentation
Oral Communication	1.1, 1.2, 1.4, 4.2, 4.5, 4.6, 5.5	• Clearly articulates requirements using language appropriate to audience and environment, and participates in a verbal exchange of ideas/solutions • Listens attentively for acoustic and audio issues, making suitable adjustments to equipment to improve the audio quality
Numeracy	1.3, 3.1, 5.2	• Compares documented figures against actual equipment and accessories • Uses basic mathematical skills to calculate electricity requirements and match equipment appropriately
Navigate the world of work	2.4, 2.7, 5.3, 5.4	• Follows organisational practices for safety and housekeeping
Interact with	1.1, 1.2, 1.4, 4.6, 5.5	• Works collaboratively to identify and complete task

others		requirements
		• Use appropriate communication practices to seek feedback about work performance from others
Get the work done	1.1-1.4, 3.1, 4.5, 4.6, 5.2-5.4	• Plans and implements tasks to meet production and organisational requirements
		• Makes decisions directly related to own tasks, seeking input from others where required

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUASOU308 Install and disassemble audio equipment (Release 2)	CUASOU308 Install and disassemble audio equipment (Release 1)	Updates to Knowledge Evidence	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5