



Australian Government

CUALGT305 Operate floor electrics

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 2.0.

Application

This unit describes the skills and knowledge required to set and operate a range of floor electrics for live productions or performances.

It applies to individuals who create specific on-stage effects, which can involve both front and backstage lighting facilities. They use a lighting plan provided by a supervising senior lighting technician or lighting designer.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Media and Entertainment Production – Lighting

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. Test run floor electrics	1.1 Set floor electrics according to performance or production requirements 1.2 Integrate the operation of floor electrics into the technical and creative run-through and advise relevant personnel of issues requiring attention 1.3 Plot, record, rehearse and execute cues on direction from relevant personnel 1.4 Set back-up systems for use in the event of equipment malfunction and test to ensure they are in working order 1.5 Implement necessary changes to cueing and modify cue sheets as required

ELEMENT	PERFORMANCE CRITERIA
2. Prepare to operate floor electrics	<p>2.1 Identify, implement and document changes to floor electrics operation as required</p> <p>2.2 Check working order of communication equipment and back-up system and seek assistance if required</p> <p>2.3 Confirm supplies of consumables are adequate for performances or productions</p> <p>2.4 Place elements of floor electrics in stand-by position for the start of performances or productions according to safety and production requirements and procedures</p> <p>2.5 Identify equipment requiring warm-up and turn on at the appropriate time</p> <p>2.6 Check elements of floor electrics to ensure they are operating to specifications</p> <p>2.7 Identify problems or faults promptly, take safe and appropriate action to rectify or report to relevant personnel</p> <p>2.8 Isolate smoke detectors and check changes to air-conditioning as required</p> <p>2.9 Check cables are run according to work health and safety (WHS) requirements, and seek assistance if required</p>
3. Operate floor electrics	<p>3.1 Execute floor electrics changes on cue, in line with safety procedures and according to running sheets, directions and requirements of the performance or production, and/or venue</p> <p>3.2 Check cables to ensure correct setting</p> <p>3.3 Modify floor electrics cues if required, to cater for unexpected contingencies, and inform relevant personnel</p> <p>3.4 Identify problems or faults promptly, and take safe and appropriate action to rectify or report to relevant personnel</p> <p>3.5 Use back-up systems correctly when required</p>
4. Shut down and disassemble equipment	<p>4.1 Turn off power to floor electrics elements or set to standby as required</p> <p>4.2 Reset smoke detectors and air-conditioning as required</p> <p>4.3 Prepare and position elements of floor electrics ready for use as required, or return equipment to standby</p> <p>4.4 Note changes to cue sheets and update and file other documentation as required and according to enterprise procedures</p>

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, 2.4, 2.6, 2.9, 3.1, 4.4	<ul style="list-style-type: none"> • Interprets sometimes complex lighting plans, production documentation and safety procedures, equipment lists, and manuals and manufacturer's specifications relating to tools, equipment and materials • Reads information of relevance to determine production requirements
Writing	1.3, 1.5, 2.1, 3.3, 4.4	<ul style="list-style-type: none"> • Uses clear sequenced language, specific terminology and appropriate structure and format to record changes and finalise floor electric cues
Oral Communication	1.2, 1.3, 2.2, 2.7, 2.9, 3.3, 3.4	<ul style="list-style-type: none"> • Uses clear language to convey information, express requirements and report operational problems • Participates in an exchange of information with other technicians and designers in a production environment, listening and questioning to clarify and confirm instructions
Numeracy	1.1, 1.3, 1.4, 2.2, 2.3, 3.2	<ul style="list-style-type: none"> • Uses documentation, and information from relevant personnel, to determine equipment, sequencing, timing and speed requirements • Uses basic mathematical formulas to make adjustments to equipment and settings
Navigate the world of work	1.3, 2.4, 2.7, 2.9, 3.1, 4.4	<ul style="list-style-type: none"> • Understands the nature and purpose of own role and associated responsibilities, and the need for coordination with others • Follows workplace safety protocols and procedures
Interact with others	1.2, 1.3, 2.7, 2.9, 3.3, 3.4	<ul style="list-style-type: none"> • Selects and uses appropriate communication practices to collaborate with others to achieve joint outcomes
Get the work done	1.1,1.4, 1.5, 2.2-2.8, 3.1-3.5, 4.1-4.3	<ul style="list-style-type: none"> • Determines task sequence to set and operate floor electrics that meet production requirements with assistance and direction from others as required • Conducts equipment checks to ensure set-up, operation and shut-down meets production and safety requirements • Identifies and resolves predictable problems during performances

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUALGT305 Operate floor electrics	CUFLGT304A Operate floor electrics	Updated to meet Standards for Training Packages. Minor edits to elements and performance criteria.	Equivalent unit

Links

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