



Australian Government

CUAWOR301 Document equipment installation requirements

Release: 2

CUAWOR301 Document equipment installation requirements

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 document requirements for installing equipment in areas such as lighting, audio and vision for productions in the screen, media, entertainment and events industries.

At this level, individuals are expected to use some discretion and judgement and they 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

Industry capability - workplace effectiveness

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. Prepare to document installation requirements	1.1 Discuss technical installation requirements with relevant personnel to determine types of working documents required 1.2 Clarify own level of responsibility in documenting equipment installation requirements 1.3 Check version control information on plans, drawings and specifications to ensure use of current documents 1.4 Analyse material and seek clarification on issues as required

	1.5 Check plans and specifications for compliance with relevant regulatory requirements
2. Complete documentation	2.1 Calculate or estimate length and number of cable and multicore runs required 2.2 Refine accuracy of estimates by taking measurements in venues or on location as required 2.3 Calculate weight of each section of rigged equipment and check weight calculations against weight-bearing capacity of rigging points and support structures 2.4 Calculate power requirements, component loadings and perform other calculations relevant to the type of installation 2.5 Determine patching and routing requirements
3. Finalise documentation requirements	3.1 Bring calculations with unsatisfactory results or compliance concerns to attention of supervisor 3.2 Use calculations and estimates to prepare and submit working documents within agreed timeframes 3.3 Seek feedback on quality of working documents from relevant personnel and note areas for future 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
Learning	3.3	Seeks the views of others to identify areas for improvement in own job performance
Reading	1.3, 1.4, 1.5	Interprets plans and specifications when installing technical equipment
Writing	3.2, 3.3	- Generates documentation in relation to equipment installation requirements - Documents outcomes of feedback about own work performance
Oral communication	1.1, 1.2, 1.4, 3.1, 3.3	- Obtains information by listening and questioning - Uses clear language to express ideas and convey information

Numeracy	2.1, 2.2, 2.3, 2.4, 3.2	- Brings scale plans up to 1:1 through correct interpretation of scaling notation - Takes measurements and makes calculations when installing equipment
Navigate the world of work	1.1, 1.2, 1.3, 1.5, 3.1	- Identifies and follows procedures and expectations associated with own role - Complies with organisational requirements regarding the installation of technical equipment
Interact with others	1.1, 1.2, 1.4, 3.1, 3.3	Works collaboratively to achieve requirements
Get the work done	1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2	- Plans and organises own workload to achieve tasks within timelines - Plans a range of routine, and some non-routine, tasks, accepting stated goals and aiming to achieve them efficiently - Recognises and responds to predictable routine problems related to role in the immediate work context - Seeks assistance when problems are beyond immediate responsibilities or experience - Applies knowledge of technical equipment to work activities - Uses standard word processing and spreadsheet applications to complete workplace documentation

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAWOR301 Document equipment installation requirements (Release 2)	CUAWOR301 Document equipment installation requirements (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 CUAWOR301 Document equipment installation requirements

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Performance Evidence

Evidence of the ability to:

- create working documents to support the installation of technical equipment in area of specialisation on at least two occasions
- correctly interpret plans and specifications related to the installation of technical equipment when creating working documents
- 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 main features of plans and drawings used in the process of installing audio, lighting or vision system equipment
- describe how scale measurements are used in plans
- explain commonly used symbols and abbreviations found in plans, drawings and specifications related to the installation of technical equipment
- explain how basic formulas apply when documenting equipment installation requirements.

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 plans and specifications in relation to lighting, audio or vision system requirements.

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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