



Australian Government

CUAVSS311 Install and test vision systems

Release: 1

CUAVSS311 Install and test vision systems

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 install vision equipment and conduct pre-production or event checks according to vision system plans.

The unit applies to those who use some discretion and judgement and operate under broad supervision within an established framework of plans and workplace procedures.

The National Standard for Licensing Persons Performing High Risk Work applies to persons performing dogging and rigging work. Completion of the following units is required for certification at either basic, intermediate or advanced levels:

- CPCCLDG3001 Licence to perform dogging
- CPCCLRG3001 Licence to perform rigging basic level
- CPCCLRG3002 Licence to perform rigging intermediate level
- CPCCLRG4001 Licence to perform rigging advanced level

Sets and staging for some performances or events may fall within the definition of construction work. If so, people entering a construction site are required to complete the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (Australian Safety Compensation Council, May 2007).

Achievement of the unit 'CPCCWHS1001 Prepare to work safely in the construction industry' fulfils this requirement.

Users are advised to check with the relevant licensing authority for requirements.

Unit Sector

Media and Entertainment Production – Vision Systems

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>

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for vision system installation	1.1 Confirm vision system plans and specifications with required personnel 1.2 Calculate rigging, cabling and power requirements according to vision system plans 1.3 Assemble equipment, accessories and consumables and test they are working and prepared for installation 1.4 Pre-rig vision system equipment as specified in plans and according to licensing regulations 1.5 Prepare extension leads, looms and cables according to design specifications and regulatory requirements 1.6 Construct or devise effects and masking where required 1.7 Establish contingency plans in the event of equipment malfunction and prepare backup equipment
2. Complete installation tasks	2.1 Determine the positioning and support requirements for vision systems 2.2 Install supports and check that rigging and mounts have been installed in the required position 2.3 Install primary and backup vision systems using safe lifting and handling techniques 2.4 Lay and secure power and other cables according to safety requirements 2.5 Complete work tasks within required timelines
3. Test equipment	3.1 Check operational efficiency and working order of equipment and patch equipment where required 3.2 Identify problems and modify installation or technical elements of equipment in consultation with required personnel 3.3 Complete and distribute workplace documentation where 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
Reading	Interprets production documentation in relation to own duties
Oral communication	Obtains information by listening and questioning

SKILL	DESCRIPTION
Numeracy	• Performs calculations when installing vision equipment
Self-management	• Understands and completes main tasks and responsibilities, within the boundaries of own role
Teamwork	• Ensures work objectives are met through working collaboratively with others
Planning and organising	• Recognises and takes responsibility for addressing predictable, and some less predictable, problems when installing and testing vision systems
Technology	• Distributes information electronically

Unit Mapping Information

Supersedes and is equivalent to CUAVSS301 Install and test vision 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 CUAVSS311 Install and test vision 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:

- install and test vision system equipment according to at least two different vision system plans.

In the course of the above, the candidate must:

- identify and prepare rigging, cabling and power requirements for installation
- follow safety procedures during setting up, installing and testing equipment
- develop contingency plan equipment for potential equipment malfunction or installation problems.

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:

- key operational features, capacities and limitations of a range of vision system equipment
- procedures for using the technical areas of staging, lighting and sound in conjunction with vision systems
- issues and challenges that typically arise when setting up and testing vision system equipment and strategies to address them
- health and safety requirements relating to installing and testing vision systems, including:
 - licensing requirements for persons performing high risk work and entering building sites
 - manual-handling techniques
 - rigging procedures
 - working with electricity and hazardous substances.

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:

- vision system plans
- a venue where vision systems can be installed and tested.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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