



Australian Government

CUAVSS313 Repair and maintain vision system equipment

Release: 1

CUAVSS313 Repair and maintain vision system equipment

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 performance outcomes, skills and knowledge required to undertake basic repairs to and maintain vision systems used in the screen, media and entertainment industries.

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.

In some States and Territories of Australia, a restricted electrical licence is required to repair and maintain production equipment. Restricted electrical licences allow a person to carry out electrical work incidental to a trade. Incidental work may include fault-finding on equipment or changing like for like equipment by disconnecting and reconnecting the fixed wiring. It does not include any other changes to the fixed wiring.

Testing and tagging of electrical equipment must be carried out by a person with the relevant certificate of competency in accordance with the performance specifications of:

- Australian Standard 3760: 200 In-service safety inspection and testing of electrical equipment
- Australian Standard 3002: 1985 Electrical installations - shows and carnivals.

In some States and Territories a licensed electrician would be required to undertake the tasks outlined in Element 2.

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. Undertake maintenance tasks	1.1 Restore vision system equipment on location through maintenance work where required 1.2 Clean and maintain equipment, cables and accessories according to organisational procedures and maintenance instructions 1.3 Conduct equipment safety checks according to manufacturer instructions and in compliance with industry and Australian standards 1.4 Check accuracy of equipment records using required maintenance documentation
2. Undertake repair tasks	2.1 Recognise faults and safely shut down equipment where required 2.2 Isolate fault to specific equipment or parts of equipment using fault detection procedures 2.3 Determine repair requirements and make simple repairs according to level of own responsibility and label faulty equipment that cannot be repaired 2.4 Label faulty equipment and refer complex repairs to technical specialists or licensed personnel
3. Comply with safety, legislative and organisational requirements	3.1 Undertake simple modifications to equipment, ensuring current safety measures and deadlines are met 3.2 Complete documentation according to organisational procedures and distribute to required personnel 3.3 Confirm compliance with legislation when reviewing repair and maintenance activities

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 key information from service documentation and manuals
Writing	Completes fault and maintenance reports using clear language and industry terminology
Oral communication	- Obtains information by listening and questioning - Contributes information and expresses requirements using clear language

SKILL	DESCRIPTION
Self-management	Understands and completes main tasks and responsibilities, within the boundaries of own role
Teamwork	Works collaboratively with others involved in staging shows or events
Planning and organising	- Adopts a methodical and logical approach to completing basic repairs to vision system equipment - Recognises and takes responsibility for addressing predictable, and some less predictable, problems when diagnosing and repairing vision system equipment

Unit Mapping Information

Supersedes and is equivalent to CUAVSS303 Repair and maintain vision system equipment.

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 CUAVSS313 Repair and maintain vision system equipment

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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:

- repair and maintain at least two different pieces of vision systems equipment.

In the course of the above, the candidate must:

- use the appropriate tools to undertake routine repairs and maintenance on vision systems
- apply logical fault-detection procedures
- apply health and safety, organisational and legislative requirements when testing and maintaining vision system equipment
- refer to service and technical specialists when repair and maintenance requirements are beyond own level of responsibility.

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:

- typical maintenance needs and schedules for common vision systems
- type of cleaning agents used with different equipment
- techniques and processes for detecting and repairing common faults in lighting equipment
- common spare parts and sub-assemblies used when maintaining and repairing vision systems
- procedures for handling, maintaining and storing the following recording/playback mediums used in vision systems:
 - computer discs
 - film
 - RAM chips
 - servers
 - tapes

- video
- consequences of not operating and maintaining vision systems in optimal condition
- health and safety requirements relating to the repair and maintenance of vision systems.

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 systems to be repaired and maintained
- venues or locations with vision systems.

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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