



Australian Government

CUAGMT301 Repair and maintain production equipment

Release: 1

CUAGMT301 Repair and maintain production equipment

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 complete basic repair and maintenance of production equipment and facilities used in the screen, media and entertainment industries.

It applies to individuals who work under the supervision of a technical director or senior production staff, using some discretion, judgment and relevant theoretical knowledge to carry out their responsibilities.

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:

- only licensed electricians can undertake the tasks outlined in Element 2
- 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.

Check with the relevant regulator for specific guidance on requirements.

Unit Sector

Construction and Maintenance – General Maintenance

Elements and Performance Criteria

ELEMENT	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. Undertake routine maintenance of equipment	1.1 Check required maintenance is within scope of licence 1.2 Safely clean and maintain equipment, cables and accessories 1.3 Conduct safety checks on equipment according to manufacturer's instructions 1.4 Check, source and replace spare parts and consumables according to enterprise procedures 1.5 Accurately record checked and maintained items, and provide copies of documents to relevant personnel
2. Repair production equipment	2.1 Check required repairs are within scope of licence 2.2 Identify faults and safely shut down equipment if necessary 2.3 Isolate fault using fault-detection procedures, and determine nature of repairs 2.4 Tag faulty production equipment 2.5 Safely make minor repairs to faulty equipment to meet agreed deadlines 2.6 Discuss faults and repairs with technical specialists, if required 2.7 Refer complex repairs to technical specialists, in consultation with relevant personnel
3. Review and document maintenance activity	3.1 Complete maintenance documentation and distribute to relevant personnel as required 3.2 Review all repair and maintenance activities to ensure compliance with work health and safety (WHS) law and regulations and enterprise procedures

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, 1.3, 2.1, 2.5, 3.2	Interprets textual and diagrammatic information from a range of sources and identifies instructions and

		compliance requirements
Writing	1.5, 2.4, 3.1	Records specific information accurately according to organisational procedures
Oral Communication	2.6, 2.7	Participates effectively in discussion using clear and direct language and industry terminology to obtain and provide information
Navigate the world of work	1.1-1.4, 2.1, 3.2	Recognises organisational expectations and follows explicit regulatory safety requirements and organisational procedures when planning, completing and reviewing tasks
Interact with others	1.5, 2.6, 2.7, 3.1	Selects and uses appropriate communication methods and practices when consulting with relevant personnel about requirements and responding to technical advice and instructions
Get the work done	1.3, 1.4, 2.2-2.5, 2.7	- Sequences and implements routine tasks according to organisational and safety requirements, with support from others - Organises timely equipment safety checks to meet production needs - Makes decisions directly related to completion of work tasks - Distinguishes between simple repairs and faults beyond own expertise, initiating support for work beyond own role

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUAGMT301 Repair and maintain production equipment	CUFGMT301A Repair and maintain production equipment	Updated to meet Standards for Training Packages.	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 CUAGMT301 Repair and maintain production equipment

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Performance Evidence

Evidence of the ability to:

- safely undertake routine maintenance and repairs on production equipment efficiently, using manufacturer's service and technical manuals if required
- select and use cleaning, maintenance and repair equipment correctly
- undertake logical fault detection procedures
- tag faulty equipment and document maintenance and repairs.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe licensing issues that impact repair and maintenance of equipment, including the role of the restricted electrical licence, and testing and tagging certification
- describe effects of not maintaining production equipment
- list typical maintenance schedules for a range of relevant production equipment
- list appropriate cleaning agents, maintenance and repair equipment
- list common faults and associated detection and repair procedures for the relevant range of equipment
- identify sources for spare parts and consumables for the relevant range of production equipment
- identify work health and safety legislation and regulations as they apply to technical maintenance activities.

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:

- a range of operational industry equipment and materials
- manufacturers' equipment manuals
- a venue where repair and maintenance can be completed
- tools and equipment required to complete repair and maintenance tasks.

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

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>