



Australian Government

Assessment Requirements for CUALGT302 Repair and maintain lighting equipment

Release: 2

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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.

Performance Evidence

Evidence of the ability to:

- use appropriate tools to undertake routine repairs and maintenance on lighting equipment and accessories
- apply logical fault detection procedures
- follow work health and safety procedures when testing and maintaining lighting equipment
- locate relevant information in service and technical manuals when undertaking repair and maintenance tasks
- 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:

- explain typical maintenance needs and schedules for commonly used lighting equipment
- explain the type of cleaning agents to use with different equipment
- explain techniques and processes for detecting and repairing common faults in lighting equipment
- describe common spare parts and sub-assemblies used when repairing and maintaining lighting equipment
- explain the consequences of not operating and maintaining lighting equipment in optimal condition

- explain how the following electrical concepts apply when repairing and maintaining lighting equipment:
 - voltage
 - current resistance
 - insulation
 - power sources (AC/DC)
- explain the following legal and licensing issues that impact on the repair and maintenance of equipment:
 - the role of the restricted electrical licence
 - testing and tagging certification
 - limitations on the type of work that can be undertaken without a licence
- describe duty of care and public safety issues in relation to the safe use of lighting equipment.

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 productions that require lighting.

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