



Australian Government

Assessment Requirements for CUALGT312 Repair and maintain lighting equipment

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

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 lighting equipment.

In the course of the above, the candidate must:

- use the appropriate tools to undertake routine repairs and maintenance on lighting equipment and accessories
- apply logical fault detection procedures
- apply health and safety, organisational and legislative requirements when testing and maintaining lighting equipment
- locate required information in service and technical manuals when undertaking repair and maintenance tasks.

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:

- LED lighting and its operational functions
- typical maintenance needs and schedules for commonly used lighting equipment
- type of cleaning agents to use with different equipment
- techniques and processes for detecting and repairing common faults in lighting equipment
- spare parts and sub-assemblies used when repairing and maintaining lighting equipment
- consequences of not operating and maintaining lighting equipment in optimal condition
- how the following electrical concepts apply when repairing and maintaining lighting equipment:
 - voltage
 - current resistance
 - insulation

- power sources (AC/DC)
- legal and licensing issues that impact on the repair and maintenance of equipment, including:
 - role of the restricted electrical licence
 - testing and tagging certification
 - limitations on the type of work that can be undertaken without a licence
- features of duty of care and public safety issues in relation to the safe use of lighting equipment.

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 lighting equipment in need of repair and maintenance
- access to workplace documentation.

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

Links

Companion Volume Implementation Guide is found on VETNet -

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