



**Australian Government**

# **Assessment Requirements for CUALGT303 Install and test lighting equipment**

**Release: 1**

# Assessment Requirements for CUALGT303 Install and test lighting 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:

- determine lighting installation requirements from information in lighting plans
- check availability and condition of lighting equipment, lanterns and accessories required for production
- safely install and disassemble lighting equipment, lanterns and accessories in line with production requirements and enterprise procedures
- check power sources at locations are adequate and safe
- safely connect inputs to lighting control desks
- allow adequate time to test and modify lighting equipment and control desks prior to production
- report the need to repair damaged or malfunctioning equipment and accessories in a timely fashion
- produce and adjust documentation throughout process, according to enterprise procedures, to support a smooth production.

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 roles and responsibilities of production personnel involved in lighting operations
- identify typical problems with installing and testing lighting equipment and briefly describe solutions
- explain key components of lighting plans, including scale, position and orientation, and how they are used when setting up lighting
- describe the process for hanging lanterns, essential hardware used, and basic principles used, such as accommodating key, fill and back light

- describe how different combinations of lanterns and accessories, and lighting and lighting control systems are used for different types of productions
- describe how colours are used in lighting
- describe techniques for rigging and hanging lighting equipment and associated licensing requirements
- describe safety requirements and procedures that apply to the installation of lighting equipment and working with electrical power, including manual handling.

## 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 production venue
- lighting equipment and accessories
- lighting plans.

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>