



Australian Government

Assessment Requirements for CUALGT313 Install and test 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:

- install and test lighting equipment for at least two different productions.

In the course of the above, the candidate must:

- determine lighting installation requirements from information in lighting plans
- check availability and condition of lighting equipment
- install and disassemble lighting equipment, lanterns and accessories in line with production requirements and organisational and safety procedures
- check power sources at locations are adequate and safe
- connect inputs to lighting control desks using safety procedures
- 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 organisational procedures.

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:

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

- use of different combinations of lanterns and accessories, and lighting and lighting control systems for different types of productions
- how colours are used in lighting
- general features of DMX cables, RDM and control systems
- safety requirements and procedures that apply to the installation of lighting equipment and working with electrical power, including manual handling.

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:

- a production venue
- lighting equipment and accessories
- lighting plans
- production documentation.

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 Guide is found on VETNet -

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