

<b>Title</b>	<b>Demonstrate and apply knowledge of lighting for an entertainment and event context</b>		
<b>Level</b>	<b>1</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of lighting and lighting equipment for entertainment and event contexts; and set up and operate lighting to meet the requirements of a specified entertainment and event context.
----------------	--

<b>Classification</b>	Performing Arts General > Entertainment and Event Technology and Operations
-----------------------	---

<b>Available grade</b>	Achieved, Merit, and Excellence
------------------------	---------------------------------

<b>Criteria for Merit</b>	In demonstrating and applying knowledge of lighting, the candidate must: <ul style="list-style-type: none"> <li>– describe relationships between the purpose of lighting, the equipment and its features, functions, and operation, and;</li> <li>– correct problems during the performance or event.</li> </ul>
---------------------------	--

<b>Criteria for Excellence</b>	In demonstrating and applying knowledge of lighting, the candidate must: <ul style="list-style-type: none"> <li>– explain relationships between the purpose of lighting, the equipment and its features, functions, and operation, and;</li> <li>– prevent foreseeable technical problems within their control arising during the performance or event.</li> </ul>
--------------------------------	--

## Guidance Information

- 1 This unit standard can be awarded with *Credit (Achieved)*, *Merit* or *Excellence*. For award with *Credit (Achieved)*, all outcomes must be achieved as specified in the outcome statements. For *Merit* or *Excellence* to be awarded, the candidate must meet the *Merit* or *Excellence* criteria specified above.
- 2 All learning and assessment leading to this unit standard must be carried out in accordance with:
  - legislation including Health and Safety at Work Act 2015, Copyright Act 1994, and subsequent amendments;
  - safe working practices. These may include but are not limited to safe working practices in situations involving – working at heights, working with electricity, lifting, securing equipment safely, replacing and storing equipment, use of tools, use of supplied safety equipment. Evidence of this may be provided by a teacher/tutor attestation or candidate's reflective statement. A useful reference

for safe working practice is the Entertainment Technology New Zealand publication *A Guide for Safe Working Practices in the New Zealand Theatre and Entertainment Industry*, version 14 or subsequent amendments, which can be accessed at <http://www.etnz.org>.

### 3 Definitions

*Communicate image* refers to using lighting to visually enhance the shape and form of the entertainment or event space and the performer.

*Entertainment and event context* refers to a performance or event such as dance, kapa haka, scripted drama, music performance (live or recorded in-studio), moving image production, physical theatre, devised work, performance art, and cultural event, circus that can take place in a range of venues, for example, stadia, theatres, event and convention centres, studios, parks and sports grounds, outdoor spaces, museums and galleries, places of worship, cultural places (e.g. marae), specialist classrooms.

*Lighting documentation* refers to a set of guidelines including plans specifying how equipment must be rigged (positioned, secured, connected), labelled, operated and packed down.

*Luminaires* refer to a complete lighting unit including its casing, lens or aperture, reflector and lamp.

- 4 Candidates must be given access to lighting equipment that has been certified as safe in order to complete assessment against this unit standard. The assessor must ensure that the power supply used in practical activities has sufficient capacity and circuit protection for the connected equipment. Equipment must be checked and verified by the assessor as being connected correctly prior to power up.

### 5 Range

The entertainment and event context the candidate is being assessed in must be specified or agreed by the teacher/tutor.

Candidates must be supplied with the lighting documentation prior to assessment.

## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of lighting and lighting equipment for entertainment and event contexts.

### Performance criteria

- 1.1 Describe the purpose of lighting in terms of its uses in entertainment and event contexts.

Range uses may include but are not limited to – visibility, focus, communicate themes, communicate time, communicate image, create mood, create texture, emphasise creative elements; evidence is required for the purpose of lighting in two different contexts.

1.2 Identify and describe types of luminaires according to their use and characteristics.

Range includes but is not limited to – generic fixtures (for example Fresnel, PC, profile spot, flood, par can, cyc light), LED, moving lights, emerging technologies.

1.3 Describe a lighting system in terms of its features and the function and operation of the features.

1.4 Identify and describe lighting accessories according to their use and effect.

Range includes but is not limited to – colour filter, barn doors, gobo, shutter, iris.

## Outcome 2

Set up and operate lighting to meet the requirements of a specified entertainment and event context.

Range requirements of the specified entertainment and event context may include but are not limited to – visibility, focus, communicate themes, communicate time, communicate image, create mood, create texture, emphasise creative elements.

## Performance criteria

2.1 Select, rig, label and operate lighting equipment according to given lighting documentation and safe working practices.

Range evidence is required for two sets of lighting documentation, each for a different lighting set up; equipment may include but is not limited to – luminaires, dimmer pack, power source, cables, lighting console.

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

## Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 November 2010	31 December 2022
Revision	2	17 July 2014	31 December 2022
Rollover and Revision	3	16 July 2015	31 December 2022
Rollover and Revision	4	26 October 2017	31 December 2022
Review	5	29 April 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0099
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

---

### Comments on this unit standard

Please contact Skills Active Aotearoa Limited [info@skillsactive.org.nz](mailto:info@skillsactive.org.nz) if you wish to suggest changes to the content of this unit standard.