

<b>Title</b>	<b>Research, develop and apply a stage lighting design concept for a given work</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to research, develop and apply a stage lighting design concept for a given work.
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<b>Classification</b>	Performing Arts General > Entertainment and Event Technology
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<b>Available grade</b>	Achieved, Merit, and Excellence
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<b>Criteria for Merit</b>	<p>In researching, developing and applying a stage lighting design concept for a given work, the candidate:</p> <ul style="list-style-type: none"> <li>– describes the links between their research, the given work, and their lighting design concept;</li> <li>– refines their lighting design concept by considering and incorporating feedback from creative collaborators;</li> <li>– demonstrates skilful technique in applying the lighting design concept during performance of the given work.</li> </ul>
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<b>Criteria for Excellence</b>	<p>In researching, developing and applying a stage lighting design concept for a given work, the candidate:</p> <ul style="list-style-type: none"> <li>– justifies the links between their research, the given work, and their lighting design concept;</li> <li>– refines their lighting design concept by evaluating and incorporating feedback from creative collaborators;</li> <li>– demonstrates command of technique in applying the lighting design concept during performance of the given work.</li> </ul>
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### Guidance Information

- 1 This unit standard can be awarded with an *Achieved*, *Merit* or *Excellence*. For the *Achieved* grade to be awarded, the outcome must be achieved as specified in the outcome statement. For *Merit* or *Excellence* grades to be awarded, the candidate must meet the *Merit* or *Excellence* criteria specified above.
- 2 **Definitions**  
*Command of technique* means applying a detailed understanding of the performance requirements and lighting concept by using creative lighting position, sustained control of colour, lighting intensity, equipment, and timing for a performance.

*Given work* is a whole or substantial piece of a text or choreography for a performance context. The performance context may include – dance, kapa haka, scripted drama, music performance, moving image production, physical theatre, devised work, performance art. The text or choreography used must be specified by the teacher/tutor.

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

*Qualities of light* means the factors associated with lighting intensity, colour, direction and focus.

*Skilful technique* means applying an in-depth understanding of the performance requirements and lighting concept by using lighting position, control of colour, lighting intensity, equipment, and timing for a performance.

- 3 Evidence of research may be collected via written, visual or oral methods such as a video diary, annotated sketches, diagrams, or written description.
- 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 teacher/tutor must ensure that the power supply used in practical activities has sufficient capacity for the connected equipment. Equipment must be checked and verified by the assessor as being connected correctly prior to power up.
- 5 Candidates being assessed against this unit standard must demonstrate safe working practices at all times. These may include – safe working practices in situations involving: working at heights; working with electricity; using certified equipment; lifting; securing equipment safely; replacing and storing equipment; use of tools; use of supplied safety equipment; following manufacturer's instructions. Evidence of this may be provided by, for example, 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*, 2011, which can be accessed at <http://www.etnz.org>.
- 6 Legislation  
Health and Safety at Work Act 2015, and its subsequent amendments.
- 7 Recommended for entry: Unit 26686, *Demonstrate and apply knowledge of lighting for an entertainment and event context*, and Unit 27700, *Demonstrate and apply knowledge of lighting design for an entertainment and event context*.

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## Outcomes and performance criteria

### Outcome 1

Research, develop and apply a stage lighting design concept for a given work.

**Performance criteria**

- 1.1 Research informs the lighting design concept in terms of the performance requirements for the given work.
- Range performance requirements may include – idea(s) in the given work, choreographic intention, location(s), time (historical period, time of day, time of year, season), time shift(s), specific references to lighting within the work (dialogue, stage directions), familiarisation with musical style, atmosphere, special effects, colours used in set and costume, style of costume, changes in location, changes in mood, changes in focus, entrances and exits, shape and position of bodies in the space;  
a minimum of six performance requirements are required.
- 1.2 Research informs the lighting design concept after input from creative collaborators.
- Range creative collaborators may include – director, stage manager; set designer, choreographer, costume designer;  
a minimum of two creative collaborators are required.
- 1.3 Research informs the lighting design concept in terms of conceptual and practical considerations.
- Range practical considerations include – equipment and space; safety of performers, audience and operators; budget; set props; rigging points and power supply;  
conceptual considerations include – colour theory, qualities of light.
- 1.4 The lighting design concept is developed, documented and communicated according to the requirements of the given work.
- Range documentation includes – lighting plan, lighting plot, running plot, cue sheet and/or synopsis;  
communication may include – creative collaborators, riggers, mechanists, lighting operator.
- 1.5 Lighting design is evaluated during technical rehearsal and/or final dress rehearsal and adjusted, as required, to meet the requirements of the given work.
- Range may include – timing, cues, choice of luminaires, positioning of luminaires, qualities of light.

- 1.6 The lighting design is applied in a performance according to the performance requirements, safe working practice and documented design concept for the work.

Range selection, rigging, labelling and patching of equipment; operating to cues and/or calls.

<b>Replacement information</b>	<p>This unit standard was replaced by unit standard 32368 and unit standard 32369.</p> <p>This unit standard replaced unit standard 16431.</p>
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

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

Process	Version	Date	Last Date for Assessment
Registration	1	18 April 2013	31 December 2022
Revision	2	17 July 2014	31 December 2022
Rollover and Revision	3	26 October 2017	31 December 2022
Review	4	29 April 2021	31 December 2022

<b>Consent and Moderation Requirements (CMR) reference</b>	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.