

OT.title	Demonstrate and apply knowledge of sound design for an entertainment and event context		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate knowledge of sound design, control and enhancement processes required for an entertainment and event context; and set up and operate sound equipment to meet the design requirements of an entertainment and event context.
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Classification	Performing Arts General > Entertainment and Event Technology and Operations
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Available grade	Achieved, Merit, and Excellence
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Criteria for Merit	In demonstrating and applying knowledge of sound design, the candidate must: <ul style="list-style-type: none"> – describe relationships between the technical requirements and purpose of sound, and sound design for the entertainment and event context, and; – explain their selection and operation of equipment in terms of meeting the design requirements.
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Criteria for Excellence	In demonstrating and applying knowledge of sound design, the candidate must: <ul style="list-style-type: none"> – explain relationships between the technical requirements and purpose of sound, and sound design for the entertainment and event context, and; – justify their selection and operation of equipment in terms of meeting the design requirements.
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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, all outcomes must be achieved as specified in the outcome statements. For *Merit* or *Excellence* grades 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

Design requirements are included in a design concept, which has been developed in response to such aspects as: the script; the setting, culture, style or period of the production or event; the purpose of the production or event; technical requirements; the performers.

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.

Technical language refers to the specialised terminology associated with sound design for entertainment and event contexts and may include but is not limited to – specifications, relevant jargon, trade names, acronyms.

- 4 Candidates must be given access to sound 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.

6 Range

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

The design requirements to be met must be supplied to the candidate.

- 7 Recommended for entry: Unit 26687, *Demonstrate and apply knowledge of sound for an entertainment and event context*.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of sound design, control and enhancement processes required for an entertainment and event context.

Range includes use of technical language.

Performance criteria

1.1 Describe sound design in terms of the technical requirements and purpose of sound for the entertainment and event context.

Range technical requirements include but are not limited to – physical aspects of the venue, separation of source signals, fidelity, placement and connection of equipment in a mix, correction, special effects created, budget; purpose may include but is not limited to – amplify performance, reinforce performance, communicate themes, communicate time, create mood, create texture, emphasise creative elements.

1.2 Describe sound control and enhancement processes in terms of the equipment used, its features, their function, and specifications.

Range evidence of three features for each of three pieces of equipment is required; equipment may include but is not limited to – microphones, mixer, amplifier(s), speakers, analogue or digital recording device; specifications may include but are not limited to – frequency, equalisation, dynamic range, phase, signal to noise ratio; reverb time, decay time, compression ratio, attack time, release time.

Outcome 2

Set up and operate sound equipment to meet the design requirements of an entertainment and event context.

Range evidence of three different sound processes in sequence is required.

Performance criteria

2.1 Set up and operate sound equipment according to the requirements of the design and safe working practices.

2.2 Apply sound control and enhancement processes on cue and in accordance with the design.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 April 2012	31 December 2017
Revision	2	17 July 2014	31 December 2017
Rollover and Revision	3	21 April 2016	31 December 2022
Rollover and Revision	4	26 October 2017	31 December 2022
Review	5	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference

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 if you wish to suggest changes to the content of this unit standard.