

Title	Prepare, set up, operate, and remove scenery, rigging, and mechanical stage equipment for performances or events		
Level	4	Credits	20

Purpose	People credited with this unit standard are able to: prepare and set up stage scenery; operate mechanical stage equipment and scenery during complex performances or events; set up and operate stage rigging systems; and pack out stage scenery for complex performances or events.
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Classification	Performing Arts General > Entertainment and Event Technology
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Available grade	Achieved
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Guidance Information

1. Recommended skills and knowledge: Unit standard 17600 *Explain safe work practices for working at heights*.
2. All learning and assessment leading to this unit standard must be carried out in accordance with the following as relevant:
 - legislation including Health and Safety at Work Act 2015 and subsequent amendments;
 - current industry best practice and industry guidelines (where available) including *Safe Rigging Practices for the Entertainment Industry in New Zealand*, June 2015, and *A Guide for Safe Working Practices in the New Zealand Theatre & Entertainment Industry*, April 2011, or replacements that supersede these guidelines, available from the WorkSafe website, www.worksafe.govt.nz.
3. The Entertainment and Event Technology programme guidance document should be consulted when developing assessments leading to this unit standard. It can be found at www.skillsactive.org.nz
4. Technical skills must be demonstrated across a range of performances and events, including a minimum of four complex events.
5. Definition
Complex events are defined as having technical complexity and must meet at least three of the following criteria:
 - audience or guest capacity > 500
 - hours of technical production > 150 hours
 - production budget (covering technical and staffing requirements for rigging, lighting, video, live sound, stage mechanics and scenic construction) > \$100,000

- quantity of Performers/Presenters > 20
- length of time in the venue (or venues if a touring production) > 7 days.

Outcomes and performance criteria

Outcome 1

Prepare stage scenery for performances or events.

Performance criteria

- 1.1 Use staging documentation for set-up to select appropriate equipment and scenery.
- 1.2 Identify and follow load ratings of venue equipment in accordance with production documentation.
- 1.3 Identify stock scenery and adapt for use to meet the requirements of the stage documentation.
- 1.4 Select moving scenery equipment in accordance with production documentation requirements.
- 1.5 Interpret show cues in accordance with the stage management and other production teams.
- 1.6 Interpret integration of performer movement and scenery changes in conjunction with stage management team, industry best practice and safety guidelines.

Outcome 2

Set up stage scenery for performances or events.

Performance criteria

- 2.1 Pack in, set up and complete masking, scenery and stage equipment in accordance with production and venue requirements.
- 2.2 Select appropriate power and hand tools to meet the scenery set up requirements.
- 2.3 Use PPE and access equipment in accordance with safety guidelines and procedures.
- 2.4 Interpret running plots and stage directions and place scenery in accordance with production documentation requirements.
- 2.5 Monitor requirements for show flying in accordance with the flying plot and production documentation.

- 2.6 Monitor stage movements of all personnel and restricted areas in accordance with production documentation.

Outcome 3

Operate mechanical stage equipment and scenery during complex performances or events.

Performance criteria

- 3.1 Demonstrate manual scenery handling techniques that meet safety requirements.
- 3.2 Operate mechanical stage equipment in a safe manner and to meet performance or event timing and cue requirements.
- 3.3 Manage wings during low light conditions and when scenery is moving.
- 3.4 Provide solutions for changes to stage plots and any scenery malfunctions during rehearsal and performance phases.
- 3.5 Maintain and update cue sheets in accordance with production requirements.
- 3.6 Solve problems using a logical process and problem solving techniques to remedy issues arising during the performance or event.

Outcome 4

Set up and operate stage rigging systems for performances or events.

Performance criteria

- 4.1 Undertake and document component and operational safety checks.
- 4.2 Check fibre ropes for rot, abrasion resistance, stretch, flexibility and cost and in terms of their safe use.
- 4.3 Set up stage rigging systems to meet the requirements for the performance or event.
- 4.4 Operate a stage rigging system in accordance with industry best practice for a performance or event.

Outcome 5

Pack out stage scenery for complex performances or events.

Performance criteria

- 5.1 Stage rigging systems are derigged in terms of counterweight unloading, following industry best practice, after a performance or event.

- 5.2 Break down scenery into component parts for pack out in accordance with production documentation.
- 5.3 Reinstall venue equipment in accordance with venue requirements and guidelines.
- 5.4 Leave stage area, grid, fly floor, pit and stage clean and tidy in accordance with venue requirements.

Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 September 2017	N/A

Consent and Moderation Requirements (CMR) reference	0099
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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.