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| Title | Select, install, operate and remove video equipment for performances or events | | |
| Level | 4 | Credits | 20 |

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| Purpose | People credited with this unit standard are able to: select and prepare video equipment for a performance or event; test the video system equipment to ensure the quality of the video signal and image; operate a video switcher and operate playback devices; and pack out video equipment for a performance or event. |
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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

Select and prepare video equipment for a performance or event.

Performance criteria

- 1.1 Select, rig, patch and label equipment according to the requirements of the video plan and industry good practice.
- 1.2 Use terminology consistent with the video plan and directions throughout the set up activity and operating the show.
- 1.3 Safely use personal protective equipment (PPE) and access equipment in accordance with safety guidelines and legislation.

Outcome 2

Test the video system equipment to ensure the quality of the video signal and image.

Performance criteria

- 2.1 Explain the reasons for testing the quality of equipment, video signals and images in terms of potential issues.
- 2.2 Use a range of testing equipment and techniques to test the quality of video equipment, signals and images.

Outcome 3

Operate a video switcher and operate playback devices for a performance or event.

Performance criteria

- 3.1 Select and use mix effect functions to meet the requirements of the video system brief.
- 3.2 Use programme option switching and preview option switching to meet the requirements of the video system brief.
- 3.3 Configure keys to meet the requirements of the video system brief.
- 3.4 Programme cueing and timing of video and visual images into the switcher to meet performance or event requirements.

- 3.5 Operate the video production switcher to meet the requirements of the performance or event.
- 3.6 Playback devices are operated to meet the needs of the performance or event.
- 3.7 Solve problems using a logical process and problem solving techniques to remedy issues arising during the performance or event.

Outcome 4

Pack out video equipment for a performance or event.

Performance criteria

- 4.1 Complete pack out of video equipment in accordance with the video plan and venue requirements.

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| 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 |

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| 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.