



Australian Government

Department of Education, Employment and Workplace Relations

CUESTA06B Apply a general knowledge of theatrical rigging

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor	<p>This unit describes the skills and knowledge required to apply a broad knowledge of theatrical rigging to the live entertainment workplace. It does not cover the installation of rigs.</p> <p>The National Standard for Licensing Persons Performing High Risk Work applies to persons performing dogging and rigging work. Completion of the following units is required for certification at either basic, intermediate or advanced levels.</p> <p>CPCCLDG3001A Licence to perform dogging</p> <p>CPCCLRG3001A Licence to perform rigging basic level</p> <p>CPCCLRG3002A Licence to perform rigging intermediate level</p> <p>CPCCLRG4001A Licence to perform rigging advanced level.</p> <p>Sets and staging for some performances or events may fall within the definition of construction work. If so, people entering a construction site are required to complete the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (Australian Safety Compensation Council, May 2007).</p> <p>Achievement of the unit 'CPCCOHS1001A Work safely in the construction industry' fulfils this requirement.</p>
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Application of the Unit

Application of the unit	<p>A range of technical production personnel involved in live entertainment events and productions apply the skills and knowledge outlined in this unit. Those who work in lighting, staging, sound or vision systems need a general understanding of rigging.</p> <p>This unit may also be useful for licensed riggers who have limited knowledge of the theatrical work context.</p> <p>This unit has linkages to a range of other technical production units and combined assessment and/or training may be appropriate.</p>
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Determine rigging requirements	<p>1.1. Correctly interpret technical production requirements to determine <i>rigging requirements</i> and their impact on other aspects of work</p> <p>1.2. Liaise with <i>licensed riggers</i> where required to confirm production requirements in relation to <i>rigging</i></p> <p>1.3. Correctly identify rigging-related tasks that may be completed by unlicensed personnel and those who require specialist assistance</p> <p>1.4. Plan work appropriately in consultation with riggers to ensure smooth flow of work and efficient set up</p>
2. Complete rigging related tasks	<p>2.1. Complete tasks associated with rigging under direction and supervision of a licensed rigger</p> <p>2.2. Use correct techniques to complete rigging-related tasks</p> <p>2.3. Ensure that work is inspected by licensed rigger in accordance with safety and licensing regulations</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- literacy skills sufficient to read instructions for safety equipment
- numeracy skills sufficient to understand the equipment calculations associated with rigging

Required knowledge

- the definition of rigging, different levels of rigging and its use in the entertainment industry
- safety equipment and how this is used, including harnesses and fall arresters
- hoists (different types) and why and how they are used in an entertainment context
- the features of spansets and their uses in an entertainment context
- trusses and correct and safe ways of using them
- the importance of weights, loads and counterweights, and how these are calculated
- shackles and other fittings and their uses in theatrical rigging
- the regulatory limitations on the role of technical production personnel in relation to rigging, and the types of tasks which must be undertaken by a licensed rigger

Evidence Guide

EVIDENCE GUIDE	
The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>The following evidence is critical to the judgement of competence in this unit:</p> <ul style="list-style-type: none"> • knowledge of rigging in an entertainment context • knowledge of regulations in relation to the licensing of riggers and the limitations on the type of work that can be undertaken by unlicensed personnel.
Context of and specific resources for assessment	<p>The assessment context must ensure:</p> <ul style="list-style-type: none"> • application of knowledge to specific technical production situations.
Method of assessment	<p>Assessment may incorporate a range of methods to assess performance and the application of essential underpinning knowledge, and might include:</p> <ul style="list-style-type: none"> • case studies and problem solving to assess application of knowledge to different technical situations • oral or written questioning to assess knowledge of rigging techniques and safety issues • review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate. <p>Assessment methods should closely reflect workplace demands and the needs of particular groups (e.g. people with disabilities, and people who may have literacy or numeracy difficulties such as speakers of languages other than English, remote communities and those with interrupted schooling).</p>
Guidance information for assessment	<p>Assessment of this unit requires access to:</p> <ul style="list-style-type: none"> • Australian standards regarding rigging and scaffolding certification • rigging equipment and materials • venue where rigging is constructed.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Rigging requirements may relate to one or more of the following:

- audio
- lighting
- set construction
- staging
- vision systems

Licensed riggers may be:

- contract labour
- fellow employees

Rigging related tasks that may be undertaken by unlicensed personnel may include:

- application of fibre and wire rope
- assembling flying units
- assembling truss
- attachment of soft fittings
- communication as applicable to flying operation
- tying knots
- use of shackles, trim chains, turnbuckles, screweyes

Rigging related tasks that may be undertaken by unlicensed personnel do not include work that involves hanging hoists, using of lifting equipment or slinging of spansets.

Unit Sector(s)

Unit sector	
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Competency field

Competency field	Media and entertainment production - staging
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Co-requisite units

Co-requisite units		