



Australian Government

CUASFX412 Coordinate the logistics of special effects operations

Release: 1

CUASFX412 Coordinate the logistics of special effects operations

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to coordinate logistics of physical special effects operations at production locations for screen and entertainment industry productions.

The unit applies to those who supervise a team to transport special effects items to locations where, depending on the nature of the item, the process of assembling and disassembling it can be complex. The scale of special effects items varies greatly – from models and miniatures to electronic devices, animatronics and creatures.

No licensing, legislative or certification requirements apply to this unit at the time of publication. However, depending on the nature of the special effects item and where it needs to be placed, one or more team members may need to be licensed. If dogging or rigging is required, personnel responsible for doing this require a high-risk work licence.

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 for Construction Work (Commonwealth of Australia, 2007).

Check with the relevant regulator for specific guidance on requirements.

Unit Sector

Media and Entertainment Production – Special Effects

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to transport special effects items	1.1 Source and confirm facilities available at production locations in consultation with required personnel 1.2 Prepare documentation according to transportation needs

ELEMENT	PERFORMANCE CRITERIA
	1.3 Identify suitable delivery, storage and assembly arrangements at inspected locations 1.4 Confirm power supply and facilities at locations are adequate to meet production requirements 1.5 Conduct pre-departure checks on all equipment to be used at locations 1.6 Complete stock orders in line with budgets, checking availability in time for the assembly and execution of special effects 1.7 Determine whether transport and assembly methods require licensed personnel to operate equipment, and confirm their availability if required 1.8 Develop an operational plan to transport, assemble and disassemble special effects items to meet production requirements and timelines 1.9 Identify problems that might occur with the transportation and assembly of special effects items and make contingency plans
2. Coordinate transportation of special effects items	2.1 Organise construction or acquisition of road cases, boxes or crates to enable safe transportation of special effects items to production locations 2.2 Check safe lifting and handling methods are used to pack and unpack special effects items and that care is taken to avoid damage 2.3 Check transportation method allows access to locations and is suited to the nature and quantity of special effects items being transported 2.4 Provide clear and accurate instructions to transport providers 2.5 Complete documentation in accordance with enterprise procedures
3. Receive special effects items at locations	3.1 Check and document condition of special effects items and construction equipment on arrival 3.2 Complete reports on shortages or damaged items in line with enterprise procedures 3.3 Coordinate deliveries of goods from specialist manufacturers and hirers 3.4 Check and document quality and condition of hired or specially manufactured items on receipt
4. Assemble and disassemble special effects items on location	4.1 Oversee assembly of special effects items in line with production schedules, timelines and budgets 4.2 Identify and implement solutions to operational problems

ELEMENT	PERFORMANCE CRITERIA
	in consultation with required personnel 4.3 Check work operations meet enterprise quality standards and comply with health and safety procedures and industry safety codes 4.4 Label and store special effects items in a safe and efficient manner 4.5 Coordinate safe disassembly, packing and transportation of special effects items and equipment 4.6 Report and document equipment that requires maintenance in line with enterprise procedures 4.7 Leave locations in the original condition

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Interprets production documentation and extracts required information
Writing	Records clear and detailed identification information
Oral Communication	- Uses specific industry-related terminology when conveying ideas and information - Uses listening and questioning techniques to confirm information
Numeracy	- Uses simple mathematical formula to calculate quantity and cost of production stock - Calculates expenditure to ensure work is within budget and time limitations
Self-management	- Meets expectations associated with own role and uses evaluation of own performance to identify potential improvements - Takes personal responsibility for supervision of safe work practices by team members and adherence to legal and regulatory requirements on production locations
Teamwork	Collaborates with others to achieve joint outcomes
Planning and organising	- Accepts responsibility for planning and sequencing relatively complex tasks and workload, and the supervision of others - Analyses requirements methodically for preparation of special effects for transport, and manages safe packing and handling

SKILL	DESCRIPTION
	processes • Identifies and organises additional material and equipment and coordinates and checks condition of all deliveries at location

Unit Mapping Information

Supersedes and is equivalent to CUASFX402 Coordinate the logistics of special effects operations.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUASFX412 Coordinate the logistics of special effects operations

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- coordinate the logistics of at least two different special effects operations.

In the course above, the candidate must:

- interpret production documentation in relation to requirements for physical special effects items
- plan and coordinate efficient and safe transport of special effects items to and from production locations
- check suitability of facilities at sites to meet requirements for special effects items
- complete stock orders in consideration of budget
- supervise safe packing of special effects items for transportation
- resolve problems with the condition of special effects items caused during transport to production locations
- supervise safe assembly and disassembly of special effects items on location
- complete operations in line with production requirements and timelines
- follow procedures for completing documentation in relation to special effects operations.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- roles and responsibilities of personnel involved in special effects operations
- typical problems that may arise in context of coordinating logistics of special effects operations and strategies to resolve them
- techniques for assembling and disassembling physical special effects for screen and entertainment industry productions

- work health and safety procedures and safety guidelines that relate to special effects operations.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- productions that require special effects items
- production and safety documentation
- interaction with others.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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