



Australian Government

CUACAM413 Install camera supports

Release: 1

CUACAM413 Install camera supports

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 plan, erect and install different components for cameras for different screen productions.

The unit applies to those who work from camera plans provided by technical producers. For productions such as live broadcasts of sporting or entertainment events, they can be responsible for laying dolly tracks and erecting towers and platforms from which cameras are operated by remote control.

A licence may be required for the erection of camera towers and platforms. Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Refer to the CUA Creative Arts and Culture Training Package Training Package Companion Volume Implementation Guide or the relevant regulatory/licensing body for specific guidance on requirements.

Unit Sector

Media and entertainment production – Camera/cinematography

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. Plan camera support installation	1.1 Receive and refer to camera plans and confirm production requirements with required personnel 1.2 Identify and assess risks and work health and safety (WHS) issues associated with production requirements according to organisational standards 1.3 Develop strategies to minimise risk and address WHS issues and incorporate strategies into planning process 1.4 Identify aspects of camera plans and mounts that may require modification and negotiate changes to camera plans and mounts

ELEMENT	PERFORMANCE CRITERIA
	with required personnel 1.5 Purchase supplies and equipment according to production requirements 1.6 Confirm availability of equipment and supports for installation on location, according to production requirements 1.7 Check equipment is operational and organise repair of faults as required 1.8 Complete documentation according to organisational procedures
2. Erect camera platforms and towers	2.1 Construct camera platforms and towers according to production requirements 2.2 Secure equipment fastenings and personnel harnesses 2.3 Check operational and electrical equipment meet WHS guidelines 2.4 Review final structures and confirm they are safe according to organisational standards
3. Prepare cranes for cameras	3.1 Confirm maximum safe working load of camera cranes and they are in safe working order according to organisational standards before mounting commences 3.2 Display signage on cranes to indicate safe working load 3.3 Fix snap plates or hothead mounts according to manufacturer specifications
4. Attach and secure cameras	4.1 Attach cameras to mounts according to production requirements 4.2 Attach applicable camera mounts to supports or directly to moving object or vehicle being used to capture shots 4.3 Check power supply meets production requirements and run power cables from source to cameras and remote-control consoles and monitors 4.4 Confirm ability of camera operator to operate equipment safely according to organisational standards and WHS guidelines 4.5 Avoid damage and exposure of cameras and cabling to elements by securing when unattended
5. Disassemble tracks, platforms and towers	5.1 Break down and carry equipment using safe manual handling techniques 5.2 Clean and pack equipment to avoid damage and prepare for transport 5.3 Report and document equipment that requires repairs or maintenance according to organisational procedures 5.4 Leave worksite in original or improved 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
Numeracy	Calculates costs and budgetary requirements using basic mathematical formulae
Oral communication	- Listens carefully and responds to verbal instructions and creative directions as required, asking questions as necessary - Provides information verbally using industry terminology
Reading	Interprets textual information to determine and adhere to requirements
Writing	Completes production documentation using specific and accurate language
Initiative and enterprise	- Takes responsibility for meeting organisational, legal and regulatory responsibilities within scope of own role and work context, ensuring safety requirements are implemented - Reports issues using appropriate communication practices and protocols - Identifies and responds quickly to installation problems
Planning and organising	- Plans and organises routine tasks, taking responsibility for decisions regarding sequencing and timing - Prioritises work tasks meeting deadlines as required - Plans, assembles and checks for sufficient supply of equipment and conducts equipment checks as required
Teamwork	- Achieves desired results working collaboratively with technical experts - Negotiates with and instructs production staff as required

Unit Mapping Information

Supersedes and is equivalent to CUACAM403 Install camera supports.

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 CUACAM413 Install camera supports

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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:

- install camera supports for at least two different production requirements.

In the course of the above, the candidate must:

- plan safe installation of camera supports
- undertake pre-shoot checks of equipment and supplies
- erect safe camera towers and platforms and attach camera mounts
- construct a variety of cranes and rigs for moving static objects safely
- attach camera equipment to safely capture required shots
- deconstruct and remove camera supports at conclusion of shoots safely
- apply work health and safety (WHS) guidelines when working with electrical equipment, camera cranes and supports.

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 production and crew members involved in installing camera supports
- equipment and support requirements, and budget constraints associated with installing camera supports
- risks that are involved with installing camera supports and operating cameras from supports
- typical problems that arise in the context of installing camera supports for film and television shoots, and common solutions
- industry standard camera mounts and economic feasibility of use in different stages of production
- construction of camera towers in environments that are:
 - level, secure, and steady

- on solid ground
- capable of supporting maximum loads according to manufacturer specifications
- features of support equipment used to mount a range of cameras
- basic techniques for harnessing, rigging and fastening when mounting cameras on supports
- legal and regulatory responsibilities within scope of own role and work context
- organisational procedures for completing documentation
- organisational standards and WHS regulations and requirements that apply to installing camera supports and operating camera equipment.

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:

- professional equipment used to install camera supports
- productions that require installation of camera supports
- WHS guidelines relevant to installing camera supports.

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

Links

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