



**Australian Government**

# **CUAACD313 Produce technical drawings**

**Release: 1**

## CUAACD313 Produce technical drawings

### 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 apply different techniques to produce technical drawings that meet required standards and conventions. It involves planning and preparing for technical drawing activities, creating technical drawings and finalising them according to project requirements.

The unit applies to those who use technical drawings in different contexts to meet project requirements

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### Unit Sector

Visual Communication – Art, Craft and Design

### 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 and prepare for technical drawing work	1.1 Identify drawing requirements with reference to project documentation in consultation with required personnel 1.2 Identify factors that may impact on technical drawing work 1.3 Select techniques to fit the purpose of drawings 1.4 Prepare equipment and materials according to workplace procedures and safety requirements
2. Create technical drawings	2.1 Produce and review preliminary drawings according to drawing requirements 2.2 Apply applicable conventions and standards to technical drawings 2.3 Discuss drawings with required personnel and confirm

ELEMENT	PERFORMANCE CRITERIA
	required amendments 2.4 Amend drawings according to drawing requirements
3. Finalise technical drawings	3.1 Check drawings against project objectives and drawing requirements according to organisational procedures 3.2 Finalise and submit technical drawings within agreed timeframes

## 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	<ul style="list-style-type: none"> <li>Interprets project documentation and other applicable information when identifying drawing requirements and constraints</li> </ul>
Oral Communication	<ul style="list-style-type: none"> <li>Elicits information and opinions from others using questioning and careful listening</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Interprets numerical and spatial concepts related to drawing standards and conventions</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>Takes responsibility for following workplace procedures and safety requirements when planning and undertaking work</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>Participates in review of work progress with required personnel</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>Plans tasks in a logical sequence and manages time to complete final drawings within established timeframes</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to CUAACD303 Produce technical drawings.

## Links

Companion Volume Implementation Guide is found on VETNet -

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