Unit of Competency CPCCOM1017 Prepare simple construction sketches

Application

This unit specifies the skills and knowledge required to produce simple preliminary sketches for basic construction work. These sketches, often sketched freehand and in pencil, are used to illustrate the size and form of a simple design solution or brief.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of unit CPCCWHS1001 *Prepare to work safely in the construction industry* meets this requirement.

No licensing, legislative or certification requirements apply to this unit.

Prerequisite Unit

Nil.

Elements and Performance Criteria

1. Prepare to create simple construction sketches.	1.1	Determine key features of simple design solution or brief to be sketched.
	1.2	Review standard drawing conventions for simple sketches.
	1.3	Select suitable two and three dimensional views for simple sketches.
2. Create simple construction sketches.	2.1	Create simple two and three dimensional construction sketches of simple design solutions or briefs.
	2.2	Label and date sketches.

Foundation skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

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Performance Evidence

To demonstrate competency, a candidate must satisfy all the elements, performance criteria and foundation skills of this unit by creating simple two and three dimensional construction sketches of three simple design solutions or briefs.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- drawing conventions for simple preliminary construction sketches
- types of simple sketches, including:
    - floor plans
    - building elevation sketches
    - land boundaries and footprint of building
    - sectional sketches
    - three dimensional sketches
- tools, materials and equipment used for creating drawings.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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