



Australian Government

Department of Education, Employment and Workplace Relations

SIRRMER008A Produce working drawings

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor

This unit describes the performance outcomes, skills and knowledge required to interpret plans and client specifications and undertake basic architectural drafting to produce working drawings for retail and exhibition design spaces.

Application of the Unit

Application of the unit

This unit requires the team member to demonstrate knowledge of and apply architectural drafting techniques to develop working drawings for store design, floor layouts exhibition designs and proposals in response to client briefs. Frontline visual merchandisers and visual merchandiser supervisors and managers are responsible for this role.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units

Nil

Employability Skills Information

Employability skills The required outcomes described in this unit contain applicable facets of employability skills. The Employability Skills Summary of the qualification in which this unit is packaged will assist in identifying employability skills requirements.

Elements and Performance Criteria Pre-Content

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

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Produce industry standard page layouts.	1.1 Establish the <i>purpose and scope of the drawings.</i> 1.2 Use and maintain <i>manual drafting equipment and materials</i> according to industry standards. 1.3 Select and use appropriate drawing instruments. 1.4 Ensure pencil drafts reflect accurate lines of standard widths to delineate object and projection lines. 1.5 Apply line work in a range of different types and media according to standard industry drawing practice. 1.6 Form hand letter text in a variety of formats and according to architectural conventions. 1.7 Identify and use different drawing scales. 1.8 Incorporate appropriate graphic symbols. 1.9 Add notations and dimensions to complete drawing.

ELEMENT	PERFORMANCE CRITERIA
2 Produce dimensional scale orthographic drawings.	2.1 Draft accurate layout, dimension and scale of orthographic projections of given objects. 2.2 Produce orthographic projections to industry standard.
3 Produce scale dimensional drawings of retail objects and interiors.	3.1 Maintain accurate angles and proportions in isometric and axonometric projections according to orthographic drawings. 3.2 Maintained correct dimensions in all scale drawings.
4 Produce design solutions in response to client briefs.	4.1 Describe object, space, scale and accurate dimensions in selected orthographic views. 4.2 Identify and produce appropriate projections to fulfil client briefs. 4.3 Complete rendered illustrations using axonometric or isometric projections according to client specifications.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the essential skills and knowledge and their level, required for this unit.

The following skills must be assessed as part of this unit:

- demonstrated adherence to safe working practices
- analytical and decision-making skills
- use and maintenance of drafting tools and equipment
- completing tasks within a set timeframe
- manual drafting.

The following knowledge must be assessed as part of this unit:

- general knowledge of the elements and principles of design and their specific application in drafting working drawings
- graphic symbols and their meanings
- environmental and OHS issues associated with the tools and materials used for drawing.

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, the range statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- demonstrated correct selection and application of drawing tools and materials to produce working drawings according to the proposed design or client brief
- production of drawings for a visual merchandising project, including orthographic, isometric and axonometric drawings.

EVIDENCE GUIDE

Context of and specific resources for assessment

Assessment must ensure access to:

- a real or simulated work environment
- relevant documentation, such as project specification and brief
- drawing equipment and materials.

Methods of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- observation of performance in the workplace
- review of working drawings
- simulated client briefs
- third-party reports from a supervisor
- client feedback
- answers to questions about specific skills and knowledge
- review of portfolios of evidence and third-party workplace reports of on-the-job performance.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.

Assessing employability skills

Employability skills are integral to effective performance in the workplace and are broadly consistent across industry sectors. How these skills are applied varies between occupations and qualifications due to the different work functions and contexts.

Employability skills embedded in this unit should be assessed holistically in the context of the job role and with other relevant units that make up the skill set or qualification.

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 in the

RANGE STATEMENT

performance criteria is detailed below.

Purpose and scope of the drawings may include:

- store design
- floor layouts
- exhibition designs
- proposals in response to a brief.

Manual drafting equipment and materials may include:

- T-square
- scale rule
- set squares
- blades
- HB and harder pencils
- paper
- drafting board.

Clients may include:

- retail managers within the organisation
- external businesses.

Unit Sector(s)

Sector Retail

Competency field

Competency field Merchandising