



Australian Government

Assessment Requirements for CPCCSH3002 Fabricate and assemble shopfront structures

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

Revised unit of competency. Replaces superseded non-equivalent CPCCSH2002A Use aluminium sections for fabrication and CPCCSH3002A Set out and fabricate shopfront commercial entries bulkheads and component fittings.

Performance Evidence

A person who demonstrates competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must fabricate and assemble all components for two commercial shopfronts, each of a minimum size of 4000 by 3600 mm.

The frontage must include the entry, bulkheads and component fittings and must be constructed using the following materials: aluminium, glass timber and at least one special finish.

In doing the above work, the person must:

- comply with health and safety regulations applicable to workplace operations
- apply organisational quality procedures and processes in the context of setting out and fabricating a shopfront
- identify details and specifications of nominated shopfronts to be set out
- accurately apply tools and equipment to set out and mark location of frame material thickness and components
- during a site measure, accurately use measuring devices to read and record dimensions, plumb and level
- from site measurement data, identify inconsistencies in dimensions, plumb and level recorded for notification to appropriate personnel
- identify and select prepared materials for components
- safely and accurately prepare each component for assembly
- select and use appropriate processes, tools and equipment for assembling components
- safely and efficiently use tools and equipment
- safely and efficiently assemble components to form framework for shopfront
- accurately fit component fittings to locations
- complete assembly free of scratches, dents and blemishes
- safely and efficiently disassemble components and fittings, identify for delivery, and include assembling instructions
- identify typical faults and problems that occur and action required to rectify them
- communicate with others to ensure safe and effective workshop operations.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- content of and terms and symbols used in shopfront design drawings
- contents of and terms used in job safety analyses (JSA) and safe work method statements (SWMS) for tasks
- types of aluminium, glass and timber shopfront construction materials and their characteristics
- requirements of Australian standard AS 1288 Glass in buildings
- measuring and levelling processes relating to setting out and checking lineal measurements and levels of surfaces
- measuring and squaring processes relevant to lineal measurements for framework
- organisation's quality assurance requirements relating to fabricating and assembling shopfront structures
- workplace and equipment safety requirements, including safe operating procedures for the use of computer numerically-controlled (CNC) and static machines and tools and equipment.

Assessment Conditions

Suitable assessment of performance requires:

- equipment and tools:
 - as listed in the range of conditions
 - suitable personal protective equipment
- materials:
 - as specified in the performance evidence
- specifications:
 - AS 1288 Glass in buildings
 - job requirements
 - JSA
 - safety data sheets (SDS)
 - SWMS
- physical conditions:
 - manufacturing workshop with CNC and static machines
- relationship with client:
 - liaison with client may be required
- relationships with team members and supervisor:
 - work may be performed as part of a team
- timeframe:
 - according to job requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>