



Australian Government

Assessment Requirements for CPCCSH3001 Fabricate shopfitting components using CNC machines

Release: 1

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Modification History

Release 1.

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

New unit of competency.

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 manufacture components using a computer numerically-controlled (CNC) machine for three different internal shopfitting units as follows:

- one counter
- one showcase
- and one from the following:
 - cabinet
 - wall unit
 - workstation.

Two of the units must include shelves, drawers and doors.

At least one of the units must include a glass, stone or acrylic surface.

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 manufacturing fitments
- select and correctly apply program opening and shut-down procedures
- use correct procedures to provide data input to achieve job requirements
- operate machine through a reduced speed dry run to check functions and alarms
- fabricate shopfitting components to design according to job specifications and drawings
- identify typical faults and problems that occur and actions 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:

- types of shopfitting units

- organisation's quality assurance requirements relating to fabricating shopfitting components
- specifications and drawings relating to production of shopfitting components
- handling of materials relevant to shopfitting unit construction
- manufacturing processes for shopfitting unit components
- materials relevant to shopfitting unit construction and their characteristics
- range of software applications appropriate to CNC machinery
- types and uses of CNC machinery
- work health and safety requirements relating to fabricating shopfitting components, including AS 1473 Guarding and safe use of woodworking machinery.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - CNC machines suitable for fabricating components for the shopfitting units specified in the performance evidence
- materials:
 - as listed in the range of conditions
- specifications:
 - as listed in job requirements in the range of conditions
 - AS 1473 Guarding and safe use of woodworking machinery
- physical conditions:
 - suitable workshop with CNC machines
- relationships with team members:
 - 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>