



Australian Government

Assessment Requirements for CPCCCO2021 Handle concreting materials

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO2021A Handle concreting materials. The unit of competency was updated to the Standards for Training Packages 2012.

This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0.

Performance Evidence

To demonstrate competency in this unit, a person must handle concreting materials for tasks at three different concrete placement sites.

In doing this, the person must meet the performance criteria for this unit.

Knowledge Evidence

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

- jurisdictional work health and safety (WHS) and environmental legislation and regulations relating to handling concreting materials, including:
 - job safety analyses (JSAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - personal protective equipment (PPE)
 - environmental and work site safety plans
- requirements of Australian Standards and the National Construction Code (NCC) relating to handling concreting materials
- workplace requirements for all aspects of concrete handling, including interpreting work orders and reporting problems
- common industry hazard identification and risk controls for handling concreting materials, including safe handling of materials and machinery
- types, characteristics, uses and limitations of tools and equipment required to handle concreting materials and components
- concrete materials, including:
 - aggregates
 - cement
 - form release agents
 - non-toxic materials, including general concreting materials

- sand
- water
- additives
- curing compound
- oxides
- concrete components, including:
 - bar chairs
 - bracing
 - plastic membrane
 - reinforcement mesh
 - spacers
 - steel and timber formwork
 - bar steel
 - decking
 - key joints
 - push-pull props
 - reinforcement bars
 - support props
- environmental management principles that apply to handling concreting materials
- manual handling techniques for concrete materials
- procedures for safely handling and storing materials, and disposing of hazardous materials and waste.

Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- work sites and specifications to handle concreting materials
- appropriate documents, materials, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

Links

Companion volumes to this training package are available at the VETNet website -

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

