



Australian Government

**Assessment Requirements for
CPCCCO3052 Conduct concrete boom
delivery operations**

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3052A Conduct concrete boom delivery operations.

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 conduct concrete boom delivery system operations at two different 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 for conducting concrete boom delivery operations 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
 - workplace and equipment safety requirements, including hazard reporting requirements and correct handling of equipment faults
- requirements of Australian Standards and the National Construction Code (NCC) relating to conducting concrete boom delivery operations
- workplace requirements for all aspects of operating concrete boom delivery systems, including understanding general construction terminology, interpreting work orders and reporting problems
- interpreting project plans and specifications for conducting concrete boom delivery operations, including requirements for safe handling of materials
- state or territory regulatory requirements relating to boom delivery system operations
- characteristics, technical capabilities and limitations of concrete boom delivery vehicle systems, including:

- adaptors
- boom components
- hoses
- boom-mounted conveyors
- lines
- concrete boom delivery vehicle systems processes, including:
 - operational, maintenance and basic diagnostic procedures and use of hand tools
 - pumps and pumping system operations
 - safe operating techniques in all terrain
 - boom and line establishment techniques and operation of delivery system
 - construction activity sequences relating to bulk concreting operations
- concrete mixes, including:
 - block-fill
 - pool-mix
 - topping
 - slab
 - footing
 - curb and guttering
- site and equipment safety requirements:
 - knowing when and how to activate emergency shut-down procedures
 - overhead safety requirements relating to boom operations
 - site isolation and traffic control responsibilities and authorities
 - requirements for shut down, inspection, minor maintenance and repairs, and regular scheduled maintenance in accordance with manufacturers' recommendations
- requirements for cleaning up work area, materials storage and environmentally friendly waste management, and cleaning up vehicle, tools and equipment.

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:

- concrete boom delivery system and concrete boom delivery system operations at two different sites
- 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>