



Australian Government

Assessment Requirements for CPCCON3052 Conduct concrete boom delivery operations

Release: 2

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Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and is equivalent to CPCCCO3052 Conduct concrete boom delivery operations

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the elements and performance criteria by conducting concrete boom delivery operations at two different sites.

Knowledge Evidence

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

- workplace and regulatory requirements for conducting concrete boom delivery operations under applicable Commonwealth, state or territory work health and safety (WHS) legislation, Australian Standards and codes of practice:
 - job safety and environmental analyses (JSEAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage
 - environmental and work site safety plans
 - workplace and equipment safety requirements, including hazard reporting requirements and correct handling of equipment faults
 - reporting problems
- plans and specifications used to interpret requirements for conducting concrete boom delivery operations
- characteristics, technical capabilities and limitations of concrete boom delivery vehicle systems:
 - adaptors
 - boom components
 - hoses
 - boom-mounted conveyors

- lines
- concrete boom delivery vehicle systems processes:
 - 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:
 - 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 manufacturer requirements
- requirements for cleaning up the work area, vehicle, plant, tools and equipment, and materials storage and environmentally friendly waste management.

Assessment Conditions

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

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to:

- industry-standard equipment required to perform the tasks specified in performance evidence
- appropriate workplace information and records, including policies, procedures and legislative requirements.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>