



Australian Government

Assessment Requirements for CPCCON3056 Conduct concrete pump delivery operations

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Performance Criteria 3.1 rectified.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
New unit.

Performance Evidence

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

Knowledge Evidence

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

- characteristics, technical capabilities and limitations of concrete pump delivery vehicle systems:
 - adaptors
 - construction activity sequences relating to bulk concreting operations
 - line establishment techniques and operation of delivery system
 - pumps and pumping system operations
 - hoses
 - lines
- compliance requirements of legislation, regulations, codes and Australian Standards relevant to concrete pump delivery operations:
 - environmental protection and waste disposal
 - work health and safety (WHS)
- concrete mixes:
 - block-fill
 - pool-mix
 - topping
 - slab

- footing
- curb and guttering
- health risks associated with silica dust exposure
- operational and maintenance requirements of concrete pump delivery systems:
- basic diagnostic procedures
 - how and when to activate emergency shut-down procedures
 - key components and controls and their functions
 - operator maintenance procedures
 - pre-start, start-up, park and shut-down
 - techniques for positioning pumping system to best deliver concrete
- plans and specifications used to interpret requirements for concrete pump delivery
- workplace requirements for conducting concrete pump delivery operations:
 - cleaning up the work area
 - maintaining and storing materials, plant, tools and equipment
 - quality
 - reporting problems
 - safety requirements, including personal protective equipment (PPE).

Assessment Conditions

Assessors must meet 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 documentation, specifications, vehicle, concrete pump delivery system, materials, tools and equipment required to achieve the performance criteria and performance evidence.

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>