



Australian Government

Assessment Requirements for CPCCON3057 Core concrete

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.
Minor edits to formatting.
- 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 coring concrete on two different occasions including coring one hole in a vertical concrete surface, clear through a minimum of 100 millimetres in depth.

Knowledge Evidence

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

- compliance requirements of legislation, regulations, codes and Australian Standards relevant to concrete coring tasks:
 - environmental protection and waste disposal
 - tolerances for alignment associated with core drilling diameters and lengths
 - work health and safety (WHS)
- concrete coring processes and techniques:
 - setting out and marking up drill holes
 - methods for safely securing and removing plugs
- core drilling system components and applications:
 - diamond drill bit
 - drilling accessories
 - drill motor
 - drill stand
- typical hazards associated with concrete coring using drilling systems, and risk control methods for each:
 - electrocution
 - silica dust exposure

- toxic fumes
- workplace requirements for coring concrete:
 - cleaning up the work area
 - maintaining and storing tools and equipment
 - quality
 - reporting problems
 - safety requirements including dust suppression and 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, concrete, tools and equipment required to achieve the 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>