



Australian Government

Assessment Requirements for CPCCE4006 Demolish stressed panel structure and pre-cast panel structure

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.
New unit.

Performance Evidence

To demonstrate competency in this unit the candidate must demolish one stressed panel structure and one pre-cast panel structure.

After identifying and controlling hazards, the candidate, working as a part of a team, must demolish one stressed panel structure of not less than four metres high, not less than three metres wide and not less than two tonnes in weight and one pre-cast panel structure of not less than four metres high, not less than three metres wide and not less than two tonnes in weight.

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

Knowledge Evidence

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

- the compliance requirements of the relevant Australian Standards, Building Code of Australia (BCA), model codes of practice, environmental and work health and safety (WHS) legislation
- basic theory related to cable stressing as a reinforcement technology
- calibration procedures related to stressing techniques and equipment
- construction and steelfixing tensioning terminology
- factors affecting concrete bonding, curing and strength
- grouting equipment and procedures
- job safety analysis (JSA)
- safe work method statements (SWMS)
- safety data sheets (SDS)
- materials storage and environmentally friendly waste management
- plans, drawings and specifications
- processes for the calculation of material requirements
- quality requirements
- requirements and processes for recording stressing operations

- plans containing position of cables, height of chairs, cable specifications, number of strands per cable and the stressing loads
- types of structural elements, including slabs, beams, columns and ground anchors
- types of structures, including buildings, bridges, towers, tanks, silos, stayed structures, offshore platforms, and underground and submerged structures
- safe de-tensioning procedures and techniques
- workplace and equipment safety requirements
- public protection:
 - demolition rated scaffolding.

Assessment Conditions

Assessors must meet 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.

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

- demolition worksite/s specifications for demolishing stressed panel and pre-cast panel structures
- appropriate documents, materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- requirements of workplace policies, procedures and demolition plans.

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>