



Australian Government

**Assessment Requirements for
CPCCCA3019 Erect and dismantle
formwork to suspended slabs, columns,
beams and walls**

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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 CPCCCA3019A Erect and dismantle formwork to suspended slabs, columns, beams and walls. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by setting-out and erecting suspended slab formwork for a slab size of a minimum of 10 square metres.

The formwork must incorporate:

- one beam
- one wall of a minimum of 1.8 metres high by 1.0 metre long
- two different types of columns with a specified formwork system at a minimum height of 1.8 metres
- block-outs and cast-in services.

Formwork may be prefabricated or fabricated in situ and must be rigid and able to withstand the mass of wet concrete and actions imposed during placement. It must comply with regulations and specifications for height, level and loadings.

Knowledge Evidence

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

- compliance requirements of the National Construction Code and Australian Standards including AS 3610 Formwork for concrete requirements relevant to erecting, stripping and dismantling formwork to suspended slabs, columns, beams and walls
- workplace quality policies and standards relevant to erecting, stripping and dismantling formwork to suspended slabs, columns, beams and walls
- safety requirements for erecting, stripping and dismantling formwork to suspended slabs, columns, beams and walls
- environmental requirements for erecting and dismantling formwork to suspended slabs, columns, beams and walls
- line, level and plumb for erecting formwork

- common formwork faults and problems, and suitable methods to rectify them
- formwork componentry
- materials and erection techniques used when erecting formwork to suspended slabs, columns, beams and walls
- contents of and terms and symbols used in plans, specifications and drawings relevant to erecting and dismantling formwork to suspended slabs, columns, beams and walls
- types and uses of tools and equipment used to erect and dismantle formwork
- processes for setting out formwork and measuring required materials
- purpose, application and properties of commonly used release agents relevant to erecting formwork to suspended slabs, columns, beams and walls.

Assessment Conditions

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

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions and standards, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>