



Australian Government

Assessment Requirements for CPCCCO3053 Slump test concrete

Release: 1

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Modification History

Release 1.

Supersedes and equivalent to CPCCCO3053A Slump-test concrete.

The unit of competency was updated to the Standards for Training Packages 2012.

This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0.

Performance Evidence

To demonstrate competency in this unit, a person must slump-test two different types of concrete for consistency to determine if the mix is workable and complies with the delivery docket and specified order. Types of concrete tested must include:

- 80 slump plus or minus 15
- 100 slump plus or minus 20.

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

Knowledge Evidence

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

- jurisdictional work health and safety (WHS) and environmental legislation and regulations relating to conducting slump tests, including:
 - job safety analyses (JSAs)
 - safe work method statements (SWMSs)
 - safety data sheets (SDSs)
 - safety manuals and instructions for plant, tools and equipment
 - signage and barricades
 - personal protective equipment (PPE)
 - environmental and work site safety plans
- requirements of Australian Standards and the National Construction Code (NCC) relating to conducting slump tests
- workplace requirements for all aspects of conducting slump tests, including interpreting work orders and reporting problems
- tools and equipment for conducting slump tests, including:
 - bullet nosed rod (600 mm x 16 mm)
 - sampling scoops
 - standard slump cones
 - steel rule
 - steel slump plate (500 mm x 500 mm)

- steel rod
- types, characteristics, uses and limitations of tools, equipment and materials required for carrying out high performance concreting, including:
 - safe operating procedures
 - operational, maintenance and basic diagnostic procedures
 - workplace and equipment safety requirements
- techniques for conducting slump tests
- quality requirements relevant to conducting slump tests.

Assessment Conditions

Assessors must satisfy 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. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

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

- work sites and specifications for conducting slump tests
- appropriate documents, materials, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

Links

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