



Australian Government

Assessment Requirements for AHCLSC317 Construct landscape features using concrete

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has constructed landscape features applying two concrete finishes and has:

- interpreted site plans and specifications
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- selected, used and maintained tools and equipment required for constructing landscape features using concrete
- set out and prepared a site for concrete
- measured and constructed profiles
- established levels using levelling equipment
- installed expansion joints and placed steel reinforcement
- performed concrete slump test
- poured and finished concrete, including consolidation and trowelling techniques
- checked quality of work and cleaned up site
- reported unserviceable tools and equipment.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles and practices of constructing concrete landscape features, including:
 - Australian standards and codes relevant to reinforcing and consolidating concrete
 - Megapascal (MPa) testing theory and what affects MPa specifications in a concrete mix
 - industry standard terminology relevant to constructing landscape features using concrete

- sub-base and sub-grade materials and preparation
- expansion joints and steel reinforcement purpose and installation techniques
- slump testing procedures
- concrete pigments and additives use and preparation
- concrete applications and placement techniques
- concrete curing processes and finishing techniques
- the comparative environmental implications associated with soil removal and the placement of concrete
- workplace requirements applicable to health and safety in the workplace for constructing landscape features using concrete, including appropriate use of PPE.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represent workplace conditions
 - assessment of this competency can be conducted as part of a team working on a large group project
- resources, equipment and materials:
 - workplace procedures applicable to constructing landscape features using concrete
 - materials, tools and equipment applicable to constructing landscape features using concrete
 - concrete slump test equipment
 - PPE applicable to constructing landscape features using concrete
- specifications:
 - workplace requirements applicable to health and safety in the workplace for constructing landscape features using concrete
 - site plans and specifications applicable to constructing landscape features using concrete
 - Australian standards and codes applicable to constructing landscape features using concrete
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>