



Australian Government

SIFCBCR012 Install burial vaults

Release: 2

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Modification History

The details of this endorsed unit are in the table below. the latest information is at the top.

Release	Comments
2	Editorial correction to prerequisite code.

Application

This unit describes the performance outcomes, skills and knowledge required to install below ground concrete burial vaults. It applies to cemetery and crematorium staff involved in burial works who generally work under supervision as part of a team. The work is performed according to work health and safety, relevant legislation and workplace policies and procedures.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

SIFCWHS001 Identify hazards and assess risks in a cemetery or crematorium

Competency Field

Burial and Cremation Operations

Unit Sector

Cemetery and Crematoria

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1. Prepare to lay vaults.

- 1.1 Liaise with supervisors or co-workers to identify and confirm work requirements including tools and equipment.
- 1.2 Identify, prepare and use personal protective equipment.
- 1.3 Select and assemble tools and equipment.
- 1.4 Check tools and equipment for serviceability and report faults to supervisor.
- 1.5 Determine safety hazards and take corrective action.
- 1.6 Set up drainage provisions in excavated vault areas according to plan details.
- 1.7 Install formwork in site according to work requirements.
- 1.8 Install sub-base material in site and compact area to specified level and consistency.
- 1.9 Install waterproof membrane to area as required according to manufacturer guidelines.
- 1.10 Cut, place and tie reinforcement to area according to plan details.
- 1.11 Apply release agent to formwork according to manufacturer guidelines.

2. Mix concrete.

- 2.1 Calculate volume of concrete required for vaults according to work requirements.
- 2.2 Determine proportions for concrete mix according to vault strength requirements.
- 2.3 Establish volume of dry materials to produce final concrete mix and mix to blend all materials.
- 2.4 Introduce sufficient water to produce a plastic concrete mix after making allowances for damp aggregates.

3. Place and finish concrete.

- 3.1 Check faults and take required corrective action prior to placing concrete.
- 3.2 Apply release agent to formwork according to manufacturer guidelines.
- 3.3 Conduct concrete slump test to confirm specifications where required.
- 3.4 Place concrete to designated levels in a manner that avoids segregation of materials.

- 3.5 Consolidate concrete using approved vibration method.
 - 3.6 Screed concrete according to required level.
 - 3.7 Prepare surface to required finish.
 - 3.8 Use appropriate curing agent and method according to manufacturer guidelines.
 - 3.9 Clean equipment on completion.
4. Complete installation.
- 4.1 Remove formwork and nails.
 - 4.2 Gather and place vault lids according to work requirements.
 - 4.3 Clean work area and store all equipment according to workplace requirements.

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

SIFBCR005B Install burial vaults.

Links

Companion Volume Implementation Guide - <http://www.serviceskills.com.au/resources>