



**Australian Government**

# **SIFCBGM004 Install basic masonry structures**

**Release: 1**

## **SIFCBGM004 Install basic masonry structures**

### **Modification History**

Not applicable.

### **Application**

This unit describes the performance outcome, skills and knowledge required to carry out basic masonry work for rockeries, monument footings and other grounds work. It applies to general grounds maintenance staff. It involves working under routine supervision and performing work 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.

### **Competency Field**

Building and Grounds Maintenance

### **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. Plan work.

- 1.1 Liaise with supervisor or team member to identify and confirm work requirements.
- 1.2 Identify and select tools and equipment according to drawings and specifications.
- 1.3 Check tools and equipment for serviceability and report faults.
- 1.4 Prepare and use personal protective equipment.
- 1.5 Identify unsafe tools and equipment and take corrective action.

2. Select and prepare materials.

- 2.1 Select concrete masonry according to quality requirements and job specifications.
- 2.2 Prepare concrete masonry for cutting and trimming.
- 2.3 Select materials for mortar according to job specifications.
- 2.4 Interpret manufacturer guidelines to prepare mortar mix according to job specifications and transport to job location.
- 2.5 Finalise adjustments to materials according to specifications.

3. Lay masonry.

- 3.1 Determine and apply required quantity of mortar evenly to job and set out.
- 3.2 Lay masonry to line, level, plumb and specified bond pattern and cornering.
- 3.3 Complete masonry work according to job drawings and specifications.
- 3.4 Erect scaffolding according to work requirements and relevant legislation.
- 3.5 Finish joints and brush down face work.

4. Install reinforcement to masonry.

- 4.1 Place and lay reinforcement with bed joints according to job specifications.
- 4.2 Place steel rods for vertical reinforcement to hollow work in locations according to job specifications.
- 4.3 Carry out jointing or splicing of reinforcing according to engineer specifications.
- 4.4 Mix, place and compact concrete or mortar to hollow block work.

- 5. Clean site.
  - 5.1 Remove waste and clear area according to workplace requirements.
  - 5.2 Clean, maintain and store tools and equipment according to manufacturer guidelines and 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**

SIFBGM004A Install basic masonry structures.

## **Links**

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