

**CPCCBL3006**

**LAY MULTIPLE THICKNESS WALLS AND PIERS**

SELF STUDY GUIDE

## PLAN AND PREPARE

* 1. **Select, fit correctly and use personal protective equipment (PPE) appropriate for the job.**

Website title : Personal Protective Equipment (PPE)

Website Link : <https://www.physio-pedia.com/Personal_Protective_Equipment_(PPE)>

Explanation: Definition of PPE.

* 1. **Read, interpret and apply multi-thickness wall and pier construction requirements from the current plan, specifications, standards and codes.**

Website title: Building Code of Australia (BCA) & Australian Standards

Website link: <https://hia.com.au/business-information/standards-regulations/building-standards> Explanation: National Construction Code (NCC) or building code of Australia.

* 1. **Follow requirements in workplace safety and environmental documentation and workplace procedure**

Website title: Compliance Documentation definition

Website Link: <https://www.lawinsider.com/dictionary/compliance-documentation>

Explanation: Meaning of Compliance Documentation.

Website title: Safe work method statements (SWMS)

Website Link: <https://www.worksafe.vic.gov.au/resources/safe-work-method-statements-swms>

Explanation: Definition of Work Method Statement (SWMS)

* 1. **Use measurements and apply formulas to calculate material quantities**

Website title: MEASUREMENT OF MASONRY WORKS IN CONSTRUCTION

Website link: <https://civilwecreate.wordpress.com/2015/09/08/measurement-of-masonry-works-in-construction/>

Explanation: Masonry Work Measurement details.

* 1. **Determine job priorities and sequence job tasks in consultation with others on site**

Website title: How to Determine Workplace Priorities

Website link: <https://work.chron.com/determine-workplace-priorities-17470.html>

Explanation: Job priorities and sequence job tasks in consultation.

* 1. **Identify potential hazards and determine and implement control measures**

Website title: Hazard and Risk

Website link: <https://www.ccohs.ca/oshanswers/hsprograms/hazard_risk.html>

Explanation: Definition of hazards and risks.

**1.7. Select and check the condition of plant, equipment and tools and report damage or faults to the relevant person**

Website title: CORDLESS TOOLS

Website link: <https://www.bosch-pt.co.in/in/en/cordless-tools-131400-ocs-c/>

Explanation: Battery operated tools.

**1.8. Select and check the condition of plant, equipment and tools and report damage or faults to the relevant person**

Website title: What is the National Construction Code?

Website link: <https://www.planning.nsw.gov.au/policy-and-legislation/buildings/national-construction-code>

Explanation: The National Construction Code (NCC) is a uniform set of technical provisions for the design, construction and performance of buildings.

## Identify business customer needs

* 1. **Identify brick bond from plans and set out and mark the position of brickwork on the footing**

### Website title: 10 Most Popular Types Of Brick Bonds

WebsiteLink: <https://gosmartbricks.com/10-most-popular-types-of-brick-bonds/>

Explanation: Types Of Brick Bonds.

### Website title: Flemish Bond – Brick Masonry

Website Link: <https://www.theconstructioncivil.org/flemish-bond-brick-masonry/>

Explanation: Types of Flemish Bond

* 1. **Set out engaged and isolated piers to specified height and gauge**

### Website title: engaged pier

Website link: <https://www.civilengineeringx.com/glossary/engaged-pier/>

Explanation: Definition of engaged pier.

## CONSTRUCT WALLS AND PIERS

1. **Mix mortar quality and consistency to job requirements**

### Website title: How to Mix Mortar

Website link: <https://www.homedepot.com/c/ah/how-to-mix-mortar/9ba683603be9fa5395fab9018aead95e>

Explanation: Process of Motor Mixing.

* 1. **Lay walls with engaged piers straight, level and plumb**

Website title: How to Build a Brick Wall

Website link: <https://www.self-build.co.uk/how-build-brick-wall/>

Explanation: Constructing a brick wall contains 11 stages.

**3.3 Lay isolated piers square and plumb to the specified height maintaining gauge**

Website title: Tutor isolated and attached piers .ppt1

Website link: <https://www.slideshare.net/LukeDArcy2/tutor-isolated-and-attached-piers-ppt1>

Explanation: CONSTRUCTING ISOLATED PIER SQUARE

**3.4 Remove excess mortar before drying**

Website title: Remove Mortar from a Tile

Websitelink:<https://www.tipsbulletin.com/remove-mortar-from-a-tile/#:~:text=Fill%20the%20bucket%20with%20the,dry%20for%20about%2024%20hours>.

Explanation: Motor removing process

**3.5 Finish joints to specified profile and depth**

Website title: TYPES OF MORTAR JOINTS

Websitelink:<http://www.bbfnz.co.nz/bricks-and-blocks/masonry-brick-veneer-best-practice-guide/types-of-mortar-joints/>

Explanation: The most frequent forms of mortar joints used in brick masonry buildings.

**3.6 Brush down and clean brickwork before mortar drying**

Website title: HOW TO UNDERSTAND CUSTOMER NEEDS – AND GIVE THE PEOPLE WHAT THEY WANT

Website link: <https://www.oberlo.in/blog/customer-needs>

Explanation: Common types of customer needs

**3.7 Provide regular, effective and targeted feedback to business customers regarding services and the value that IS PROVIDED**

Website title: CLEANING OF CLAY BRICKWORK

Website link: bbfnz.co.nz/bricks-and-blocks/masonry-brick-veneer-best-practice-guide/types-of-mortar-joints/

Explanation: CLEANING BRICKWORK.

## CLEAN UP

### 4.1. Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements

### Website title: EMP: Environmental Management Plan (EMP)

Website link: <https://www.yourarticlelibrary.com/environment/emp-environmental-management-plan-emp/27453>

Explanation: Details of environmental management.

**4.2. Clean tools and equipment, check for serviceability and report damage or faults**

Website title: Preventive maintenance

Website link: <https://www.fiixsoftware.com/maintenance-strategies/preventative-maintenance/>

Explanation: Preventative and ongoing maintenance are actions taken to prolong the life of the equipment and avoid unnecessary downtime.

**4.3. Store and secure tools and equipment following workplace procedures**

Website title: Garden Tool Storage

Website link: <https://www.storagefront.com/storagetips/auto-rv-boat/gardening-tools-storage/>

Explanation: Storage of tools and equipment