

CPCCB3002A Matrix Map

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ELEMENTS AND PERFORMANCE CRITERIA

Element	Performance Criteria	Task / Question Map
1. Prepare for work.	1.1. Work instructions, including plans, specifications, quality requirements and operational details, are obtained, confirmed and applied from relevant information to determine bricklaying and blocklaying tasks.	Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4 Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 Assessment Task - Read and interpreting SDS, JSA, and SWMS: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q2 Q3 Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation
	1.2. Safety (OHS) requirements are followed in accordance with safety plans and policies.	Bricklaying Safety: Q1 Q2 Q3 Q4 Q5 Q6 Q7 Work platforms for brick-laying: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q2 Q4 Q5 Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation
	1.3. Signage and barricade requirements are identified and implemented.	Site Signage: Q1 Q2 Q3 Q4 Q5 CPCCB3002A Observation Checklist: Q2 Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation
	1.4. Plant, tools and equipment selected to carry out tasks are consistent with job requirements, checked for serviceability, and any faults are rectified or reported prior to commencement.	Identify brick defects: Q1 Q2 Q3 Q4 Q5 Q6 ACTIVITY - Construct a brick veneer building: Q1 ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 Q2 CPCCB3002A Observation Checklist: Q6 Q9 Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation

	1.5. Material quantity requirements are calculated in accordance with plans, specifications and quality requirements.	<p>Mortar Ratios: Q1 Q2</p> <p>Calculating Bricks: Q1 Q2 Q3</p> <p>CPCCB3002A Observation Checklist: Q2 Q3 Q9</p> <p>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</p>
	1.6. Materials appropriate to work application, including required fire resistance rating, are identified, obtained, prepared, safely handled and located ready for use.	<p>Mortar Ratios: Q3 Q4</p> <p>Brick types: Q1 Q2 Q3</p> <p>Fire resistance: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q4 Q9</p> <p>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</p>
	1.7. Environmental requirements are identified for the project in accordance with environmental plans and statutory and regulatory authority obligations, and are applied.	<p>Waste Management for Brick Layers: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q9 Q18</p> <p>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</p>
2. Set out brickwork/blockwork.	2.1. Bricks/ blocks are identified, selected and checked for conformity with specifications and compliance with standards.	<p>Brick types: Q1 Q2 Q3</p> <p>Identify brick defects: Q1 Q2 Q3 Q4 Q5</p> <p>ACTIVITY - Set out: Q1</p> <p>CPCCB3002A Observation Checklist: Q3 Q9</p> <p>Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
	2.2. Work platform is erected in accordance with regulatory and workplace requirements.	<p>Work platforms for brick-laying: Q1 Q2 Q3</p> <p>ACTIVITY - Set out: Q1</p> <p>CPCCB3002A Observation Checklist: Q9</p> <p>Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
	2.3. Location and structural details of brickwork/blockwork are identified from plans and job specifications.	<p>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5</p> <p>ACTIVITY - Set out: Q1</p> <p>CPCCB3002A Observation Checklist: Q3 Q9</p> <p>Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>

	<p>2.4. Base brickwork below floor construction is set out to location, dimensions and specifications in compliance with standards.</p>	<p>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 Wall and roof framing for veneer walls: Q2 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q3 Q9 Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
	<p>2.5. Brickwork/blockwork is set out to location and dimensions from drawings and specifications.</p>	<p>ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q3 Q9 Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
<p>3. Construct base brickwork/blockwork.</p>	<p>3.1. Mortar mix is prepared and checked for conformity and bricks/blocks laid to set out to specifications and standards.</p>	<p>Mortar Ratios: Q1 Q2 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q3 Q9 Q10 Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
	<p>3.2. Brickwork/blockwork gauge is determined and set out rod is prepared.</p>	<p>Determine gauge: Q1 Q2 Q3 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q9 Q10 Workplace Task: Brick base and subfloor ventilation installed to determined gauge and prepared set out rods</p>
	<p>3.3. Base brickwork/blockwork is constructed for veneer construction to requirements of regulations and specifications.</p>	<p>Piers : Q1 Q2 Q3 Q4 Wall and roof framing for veneer walls: Q4 Termite protection: Q1 Q2 Q3 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q3 Q10 Workplace Task: Brick base and subfloor ventilation installed to determined gauge and prepared set out rods</p>

	3.4. Sub-floor ventilation is installed in accordance with specifications.	<p>Wall and roof framing for veneer walls: Q2</p> <p>Sub floor ventilation: Q1 Q2 Q3</p> <p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q3 Q10 Q12</p> <p>Workplace Task: Brick base and subfloor ventilation installed to determined gauge and prepared set out rods</p>
4. Construct veneer walls.	4.1. Structural frame is checked to ensure it is ready for brick or block veneer construction maintaining minimum cavity.	<p>Wall and roof framing for veneer walls: Q4</p> <p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q12 Q13</p> <p>Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</p>
	4.2. Damp proof courses are installed to specifications and in accordance with standards.	<p>DPC: Q1 Q2 Q3</p> <p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q2 Q3 Q11 Q13</p> <p>Workplace Task: Install damp proof course and weep holes brick/block reinforcing, vermin proofing and wall flashing</p>
	4.3. Ventilation for veneer construction is built to specifications and requirements of standards.	<p>Sub floor ventilation: Q1 Q2 Q3</p> <p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q2 Q3 Q11 Q12 Q13</p> <p>Workplace Task: Brick base and subfloor ventilation installed to determined gauge and prepared set out rods</p>
	4.4. Wall ties are positioned and correctly fixed to framework to standards.	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q13</p> <p>Workplace Task: Position wall ties</p>
	4.5. Openings are constructed and flashings installed to job specifications.	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2</p> <p>CPCCB3002A Observation Checklist: Q2 Q3 Q13</p> <p>Workplace Task: Install damp proof course and weep holes brick/block reinforcing, vermin proofing and wall flashing</p>

	<p>4.6. Cavities are kept clear of mortar droppings and bridging.</p>	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q12 Q13 Workplace Task: Construct a brick/block veneer wall built to gauge straight and true in plumb, line and level within standards tolerance and keeping wall cavities clear</p>
	<p>4.7. Lintels are installed to job specifications.</p>	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q13 Q16 Workplace Task: Install lintels</p>
	<p>4.8. Top brickwork/blockwork is constructed to eaves/gable level in accordance with standards.</p>	<p>Wall and roof framing for veneer walls: Q9 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q12 Q13 Q15 Workplace Task: Veneer constructed to eaves and gable</p>
	<p>4.9. Veneer gable is constructed as required by plans and specifications.</p>	<p>Wall and roof framing for veneer walls: Q9 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q13 Q15 Workplace Task: Veneer constructed to eaves and gable</p>
	<p>4.10. Walls are built to gauge straight and true in plumb, line and level within standards tolerance.</p>	<p>Determine gauge: Q1 Q2 Q3 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q12 Q13 Workplace Task: Construct a brick/block veneer wall built to gauge straight and true in plumb, line and level within standards tolerance and keeping wall cavities clear</p>
	<p>4.11. Control joints are formed in accordance with locations on job drawings, specifications and standards.</p>	<p>Wall and roof framing for veneer walls: Q6 ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q13 Workplace Task: Install control joints</p>
	<p>4.12. Weepholes, brick/block reinforcing, vermin proofing and wall flashing are located and built in to job specifications.</p>	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q13 Workplace Task: Install damp proof course and weep holes brick/block reinforcing, vermin proofing and wall flashing</p>
	<p>4.13. Sill bricks are cut where required and laid to line in accordance with job specifications.</p>	<p>ACTIVITY - Construct a brick veneer building: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q13 Q14 Workplace Task: Install brick sills allowing for frame shrinkage</p>

<p>5. Rake/rule joints and clean face.</p>	<p>5.1. Joints of laid brickwork/blockwork are raked or ruled to correct depth and profile in accordance with job specifications.</p>	<p>ACTIVITY - Rake/rule joints and clean face: Q1 CPCCB3002A Observation Checklist: Q2 Q3 Q17 Workplace Task: Joints raked or ruled, brushed down and cleaned brick surfaces removing excess mortar</p>
	<p>5.2. Brickwork/blockwork is brushed down prior to drying to remove unwanted mortar and face is cleaned.</p>	<p>ACTIVITY - Rake/rule joints and clean face: Q1 CPCCB3002A Observation Checklist: Q17 Workplace Task: Joints raked or ruled, brushed down and cleaned brick surfaces removing excess mortar</p>
	<p>5.3. Excess mortar is removed from brick/blockwork surfaces and cavities are cleaned free of mortar and debris in accordance with manufacturer recommendations, job specifications and standards.</p>	<p>ACTIVITY - Rake/rule joints and clean face: Q1 CPCCB3002A Observation Checklist: Q2 Q3 Q12 Q17 Workplace Task: Joints raked or ruled, brushed down and cleaned brick surfaces removing excess mortar</p>
<p>6. Clean up.</p>	<p>6.1. Work area is cleared and materials disposed of, reused or recycled in accordance with legislation, regulations, codes of practice and job specification.</p>	<p>Waste Management for Brick Layers: Q1 Q2 CPCCB3002A Observation Checklist: Q2 Q3 Q18 Workplace Task: Cleaned work area, tools and equipment</p>
	<p>6.2. Plant, tools and equipment are cleaned, checked, maintained and stored in accordance with manufacturer recommendations and standard work practices.</p>	<p>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q2 CPCCB3002A Observation Checklist: Q6 Q18 Workplace Task: Cleaned work area, tools and equipment</p>

REQUIRED SKILLS

Required Skill	Task / Question Map
Required skills for this unit are:	
communication skills to:	
<i>determine requirements</i>	<i>Masonry Veneer Construction: Q1 Q2 Q3 Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q7</i>
<i>enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand</i>	<i>Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Set out: Q1 ACTIVITY - Cleaning, servicing and storing tools and equipment: Q2 CPCCB3002A Observation Checklist: Q7</i>
<i>follow instructions</i>	<i>Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q7</i>
read and interpret:	
<i>documentation from a variety of sources</i>	<i>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 Assessment Task - Read and interpreting SDS, JSA, and SWMS: Q1 Q2 Q3 Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q2 Q7</i>
<i>plans, specifications and drawings</i>	<i>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q2 Q3 Q7</i>
<i>report faults</i>	<i>Identify brick defects: Q1 Q2 Q3 Q4 Q5 Q6 ACTIVITY - Cleaning, servicing and storing tools and equipment: Q2 CPCCB3002A Observation Checklist: Q7</i>

<i>use language and concepts appropriate to cultural differences</i>	Assessment Task - Communication: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q7
<i>use and interpret non-verbal communication, such as hand signals</i>	Site Signage: Q1 Q2 Q3 Q4 Q5 CPCCB3002A Observation Checklist: Q7
<i>numeracy skills to apply measurements and make calculations</i>	Mortar Ratios: Q1 Q2 Calculating Bricks: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q7
<i>organisational skills, including the ability to plan and set out work</i>	ACTIVITY - Construct a brick veneer building: Q1 CPCCB3002A Observation Checklist: Q7
<i>teamwork skills to work with others to action tasks and relate to people from a range of cultural and ethnic backgrounds and with varying physical and mental abilities.</i>	Bricklaying Safety: Q6 CPCCB3002A Observation Checklist: Q7

REQUIRED KNOWLEDGE

Required Knowledge	Task / Question Map
Required knowledge for this unit is:	
<i>brick and block expansion and growth, control and articulation joints</i>	<i>Australian Standards for Brick and Block laying: Q3 Wall and roof framing for veneer walls: Q6 ACTIVITY - Rake/rule joints and clean face: Q1</i>
<i>brick bond patterns</i>	<i>Australian Standards for Brick and Block laying: Q4 ACTIVITY - Rake/rule joints and clean face: Q1</i>
<i>characteristics and applications of materials for masonry veneer construction, including fire control and separation required by the Building Code of Australia (BCA) and other legislation</i>	<i>Masonry Veneer Construction: Q1 Q2 Q3 Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4 Mortar Ratios: Q3 Q4 Fire resistance: Q1 Q2 Wall and roof framing for veneer walls: Q4</i>
<i>construction terminology</i>	<i>Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4 Assessment Task - Communication: Q1 Q2 Q3 ACTIVITY - Rake/rule joints and clean face: Q1</i>
<i>job safety analysis (JSA) and safe work method statements</i>	<i>Assessment Task - Read and interpreting SDS, JSA, and SWMS: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q4</i>
<i>material safety data sheets (MSDS)</i>	<i>Assessment Task - Read and interpreting SDS, JSA, and SWMS: Q1 Q2 Q3 CPCCB3002A Observation Checklist: Q4</i>
<i>materials storage and environmentally friendly waste management</i>	<i>Waste Management for Brick Layers: Q1 Q2 CPCCB3002A Observation Checklist: Q18</i>
<i>plans, specifications and drawings</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
<i>processes for the calculation of material requirements</i>	<i>Mortar Ratios: Q1 Q2 Calculating Bricks: Q1 Q2 Q3</i>
<i>quality requirements</i>	<i>Assessment Task - Communication: Q1 Q2 Q3</i>

<p><i>techniques of masonry veneer construction, including gable and eaves construction, damp proofing, flashings and ventilation, vermin control, anti-termite measures, floor, wall and roof members, tying components, timber shrinkage, sub-floor construction, lintels and load bearing components</i></p>	<p><i>Wall and roof framing for veneer walls: Q2 Q5 Q7 Q9</i> <i>DPC: Q1 Q2 Q3</i> <i>Termite protection: Q1 Q2 Q3</i> <i>Sub floor ventilation: Q1 Q2 Q3</i> <i>ACTIVITY - Construct a brick veneer building: Q1</i> <i>CPCCB3002A Observation Checklist: Q10 Q12 Q15 Q16</i></p>
<p><i>types, characteristics, uses and limitations of plant, tools and equipment</i></p>	<p><i>ACTIVITY - Construct a brick veneer building: Q1</i> <i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 Q2</i> <i>CPCCB3002A Observation Checklist: Q6</i></p>
<p><i>workplace and equipment safety requirements.</i></p>	<p><i>Work platforms for brick-laying: Q1 Q2 Q3</i> <i>CPCCB3002A Observation Checklist: Q4 Q18</i></p>

CRITICAL ASPECTS

Critical Aspects	Task / Question Map
A person who demonstrates competency in this unit must be able to provide evidence of the ability to:	
<i>locate, interpret and apply relevant information, standards and specifications</i>	<p><i>Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4</i></p> <p><i>CPCCB3002A Observation Checklist: Q2 Q3</i></p> <p><i>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</i></p>
<i>comply with site safety plan and OHS legislation, regulations and codes of practice applicable to workplace operations</i>	<p><i>Bricklaying Safety: Q1 Q2 Q3 Q4 Q5 Q6 Q7</i></p> <p><i>CPCCB3002A Observation Checklist: Q4 Q5</i></p> <p><i>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</i></p>
<i>comply with organisational policies and procedures, including quality requirements</i>	<p><i>Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4</i></p> <p><i>ACTIVITY - Construct a brick veneer building: Q1</i></p> <p><i>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</i></p>
<i>safely and effectively use tools, plant and equipment</i>	<p><i>Work platforms for brick-laying: Q1 Q2 Q3</i></p> <p><i>ACTIVITY - Construct a brick veneer building: Q1</i></p> <p><i>ACTIVITY - Rake/rule joints and clean face: Q1</i></p> <p><i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 Q2</i></p> <p><i>CPCCB3002A Observation Checklist: Q4 Q6</i></p>
<i>communicate and work effectively and safely with others</i>	<p><i>Bricklaying Safety: Q6</i></p> <p><i>Assessment Task - Communication: Q1 Q2 Q3</i></p> <p><i>ACTIVITY - Construct a brick veneer building: Q1</i></p> <p><i>ACTIVITY - Rake/rule joints and clean face: Q1</i></p> <p><i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q2</i></p> <p><i>CPCCB3002A Observation Checklist: Q4 Q7</i></p> <p><i>Workplace Task: Planned and prepared for brick veneer construction, including complying with work instructions, safety requirements, and material preparation</i></p>

<p><i>As a minimum, given the plans and specifications, construct a section of a brick veneer building, including set out and gauge brickwork to a base; damp proof course (DPC) if applicable, weepholes, air vents, control joints and veneer ties; lintels and flashings; brick gables; and brick sills and flashings;</i></p>	<p><i>Determine gauge: Q1 Q2 Q3</i> <i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i> <i>ACTIVITY - Rake/rule joints and clean face: Q1</i></p>
<p>The above must be undertaken ensuring:</p>	<p>Brick types: Q1 Q2 Q3 Wall and roof framing for veneer walls: Q9 CPCCB3002A Observation Checklist: Q9</p>
<p><i>correct identification of requirement and finishing of the task</i></p>	<p><i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i> <i>ACTIVITY - Rake/rule joints and clean face: Q1</i> <i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 Q2</i> CPCCB3002A Observation Checklist: Q6 Q9 <i>Workplace Task: Set up work area including working platform, inspected frames, and set out bricks/blocks and mortar location</i> <i>Workplace Task: Construct a brick/block veneer wall built to gauge straight and true in plumb, line and level within standards tolerance and keeping wall cavities clear</i></p>

<p><i>correct selection and use of appropriate processes, tools and equipment</i></p>	<p><i>Fire resistance: Q1 Q2</i></p> <p><i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i></p> <p><i>ACTIVITY - Rake/rule joints and clean face: Q1</i></p> <p><i>CPCCB3002A Observation Checklist: Q2 Q3 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18</i></p> <p><i>Workplace Task: Brick base and subfloor ventilation installed to determined gauge and prepared set out rods</i></p> <p><i>Workplace Task: Construct a brick/block veneer wall built to gauge straight and true in plumb, line and level within standards tolerance and keeping wall cavities clear</i></p> <p><i>Workplace Task: Install damp proof course and weep holes brick/block reinforcing, vermin proofing and wall flashing</i></p> <p><i>Workplace Task: Position wall ties</i></p> <p><i>Workplace Task: Install lintels</i></p> <p><i>Workplace Task: Install control joints</i></p> <p><i>Workplace Task: Install brick sills allowing for frame shrinkage</i></p> <p><i>Workplace Task: Veneer constructed to eaves and gable</i></p> <p><i>Workplace Task: Joints raked or ruled, brushed down and cleaned brick surfaces removing excess mortar</i></p> <p><i>Workplace Task: Cleaned work area, tools and equipment</i></p>
<p><i>completing all work to specification, ensuring correct selection and use of fire-rated materials and methods of construction.</i></p>	<p><i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i></p>

RANGE STATEMENTS

Range Statements	Task / Question Map	
<i>Information includes:</i>	<i>diagrams or sketches</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>instructions issued by authorised organisational or external personnel</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>manufacturer specifications and instructions where specified</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>memos</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>MSDS</i>	<i>Assessment Task - Read and interpreting SDS, JSA, and SWMS: Q1 Q2 Q3</i> <i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>organisation work specifications and requirements</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>plans and specifications</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>regulatory and legislative requirements pertaining to carrying out masonry veneer construction</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>relevant Australian standards</i>	<i>Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4</i> <i>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5</i> <i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>safe work procedures related to carrying out masonry veneer construction</i>	<i>Work platforms for brick-laying: Q1 Q2 Q3</i> <i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>signage</i>	<i>Site Signage: Q1 Q2 Q3 Q4 Q5</i> <i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>verbal or written and graphical instructions</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>work bulletins</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
	<i>work schedules.</i>	<i>CPCCB3002A Observation Checklist: Q2 Q3</i>
<i>Bricklaying and blocklaying tasks:</i>	<i>include all clay brick (wire cut/pressed) and concrete block (hollow and solid) masonry work</i>	<i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i>

	<i>performed on a new construction site, an existing structure being renovated or extended or an existing structure subject to service restoration or maintenance.</i>	<i>ACTIVITY - Construct a brick veneer building: Q1 Q2</i>
<i>Safety (OHS) is to be in accordance with legislation, regulations, codes of practice, organisational safety policies and procedures, and project safety plan and may include:</i>	<i>emergency procedures, including emergency shutdown and stopping, extinguishing fires, organisational first aid requirements and evacuation</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>handling of materials</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>hazard control</i>	<i>Bricklaying Safety: Q4 Q7 Work platforms for brick-laying: Q1 Q2 CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>hazardous materials and substances</i>	<i>Bricklaying Safety: Q4 CPCCB3002A Observation Checklist: Q4 Q5</i>
<i>safe operating procedures, including the conduct of operational risk assessment and treatments associated with:</i>		
	<i>earth leakage boxes</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>lighting</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>power cables, including overhead service trays, cables and conduits</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>restricted access barriers</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>surrounding structures</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>traffic control</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>trip hazards</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>underground services, including water, gas, electricity and communications</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>work site visitors and the public</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>

	<i>working at heights</i>	<i>Bricklaying Safety: Q2 Q6 Work platforms for brick-laying: Q1 Q2 Q3 ACTIVITY - Set out: Q1 CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>working in confined spaces</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>working in proximity to others</i>	<i>Bricklaying Safety: Q6 CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>working with dangerous materials</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>organisational first aid</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>personal protective clothing and equipment prescribed under legislation, regulations and workplace policies and practices</i>	<i>Bricklaying Safety: Q3 CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>use of firefighting equipment</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5</i>
	<i>use of tools and equipment</i>	<i>CPCCB3002A Observation Checklist: Q4 Q5 Q6</i>
	<i>workplace environment and safety.</i>	<i>Waste Management for Brick Layers: Q1 Q2 CPCCB3002A Observation Checklist: Q4 Q5 Q18</i>
Tools and equipment:	include:	
	<i>bolsters</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>brick grabs</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>brooms</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>buckets</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>builders' lines</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>concrete mixers</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>dumpy levels</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>

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elevators	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
hammers (brickies, club and scutch)	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
hoses	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
jig saws	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
jointing tools	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
line blocks	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
line pins	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
mason's squares	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
masonry saws	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
measuring tapes and rules	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
mortar boards	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
plumb rules	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
margin or raking tools	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
profiles	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6
shovels	ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6

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	<i>spirit levels</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>straight edges</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>string lines</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>trowels</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>wheelbarrows</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
<i>may include:</i>		
	<i>brick buggies</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>elevators</i>	
	<i>forklifts</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>materials hoists</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>pallet trolleys</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>scaffolds</i>	<i>Work platforms for brick-laying: Q1 Q2 Q3 ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
	<i>small petrol or diesel engines and compressors.</i>	<i>ACTIVITY - Cleaning, servicing and storing tools and equipment: Q1 CPCCB3002A Observation Checklist: Q6</i>
<i>Quality requirements include relevant regulations, including:</i>	<i>Australian standards</i>	<i>Australian Standards for Brick and Block laying: Q1 Q2 Q3 Q4</i>
	<i>internal company quality policy and standards</i>	
	<i>manufacturer specifications, where specified</i>	
	<i>workplace operations and procedures.</i>	
<i>Materials include:</i>	<i>aggregates</i>	

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	<i>cement</i>	
	<i>clay bricks</i>	
	<i>lime</i>	
	<i>masonry blocks</i>	
	<i>reinforcing materials</i>	
	<i>waterproofing materials.</i>	
<i>Environmental requirements include:</i>	<i>clean-up protection</i>	<i>Waste Management for Brick Layers: Q1 Q2 CPCCB3002A Observation Checklist: Q18</i>
	<i>noise and dust</i>	
	<i>vibration</i>	
	<i>waste management.</i>	<i>Waste Management for Brick Layers: Q1 Q2 CPCCB3002A Observation Checklist: Q18</i>
<i>Statutory and regulatory authorities include:</i>	<i>federal, state and local authorities administering applicable Acts, regulations and codes of practice.</i>	
<i>Location brickwork laid may be on a:</i>	<i>slab</i>	<i>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 CPCCB3002A Observation Checklist: Q10</i>
	<i>suspended floor.</i>	<i>Wall and roof framing for veneer walls: Q2 CPCCB3002A Observation Checklist: Q10</i>
<i>Brick or block veneer construction includes:</i>	<i>straight, square and plumb brick/block, wall ties and reinforcement, dampcourse and flashings, installation of sills to door and window openings and lintels installed over openings and sill flashings</i>	<i>Footing and slab requirements: Q1 Q2 Q3 Q4 Q5 Wall and roof framing for veneer walls: Q6 DPC: Q1 Q2 CPCCB3002A Observation Checklist: Q11 Q12 Q14 Q16</i>
	<i>methods include ensuring compliance with incipient spread of fire requirements.</i>	<i>Fire resistance: Q1 Q2 CPCCB3002A Observation Checklist: Q12</i>