UNIT CODE	CPCCBL3007
UNIT TITLE	Install glass blockwork
APPLICATION	This unit specifies the skills and knowledge required to install glass blocks into non-structural panels. This unit applies to people who install fire rated or standard glass blocks using various fixing methods to new or existing structures. It is suitable for people operating with some autonomy. A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without needing close supervision. Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCCWHS1001 Prepare to work safely in the construction industry* meets this requirement. No licensing, legislative or certification requirements apply to this unit at the time of publication.
PREREQUISITE UNIT	CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry
ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1. Prepare for work.	1.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 1.2 Read, interpret and apply glass block installation requirements from current plans, specifications, standards and codes. 1.3 Follow requirements in workplace safety and environmental documentation and workplace procedures. 1.4 Use measurements and apply formulas to calculate material quantities. 1.5 Determine job priorities and sequence job tasks in consultation with others on site. 1.6 Identify potential hazards and determine and implement control measures.

	1.7 Select and check condition of plant, equipment and tools and report damage or faults to relevant person. 1.8 Check conformity of glass bricks, adhesives and accessories and place materials in preparation for the work.
2. Set out for installation.	2.1 Check opening size, lintel and flashing to suit glass block installation. 2.2 Check base and head for level and abutting surfaces for plumb. 2.3 Mix mortar to the correct consistency or use approved silicone product following manufacturer's instructions.
3. Install glass blocks.	3.1 Install expansion strips and reinforcements. 3.2 Lay glass blocks level and plumb to the specified design. 3.3 Remove excess mortar or silicone at completion and clean glass blocks. 3.4 Use appropriate tool to achieve specified joint finish.
4. Clean up.	4.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. 4.2 Clean tools and equipment, check for serviceability and report damage or faults. 4.3 Store and secure tools and equipment following workplace procedures.
FOUNDATION SKILLS Candidates require: • technology skills to: o use digital tools and devices to source job information and communicate effectively with others.	
UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPCCBL3007A Install glass blockwork
LINKS	Companion volumes to this training package are available at the VETNet website: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

TITLE	Assessment requirements for CPCCBL3007 Install glass blockwork

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by installing a minimum of 1.44 square metres of glass blocks into frame.

In doing this, the candidate must:

- apply the appropriate glass block installation processes
- use both mortar or recommended adhesive
- fix reinforcement, expansion joint and grouting
- comply with glass block installation standards, codes and manufacturer's instructions.

KNOWLEDGE EVIDENCE

To be competent in this unit, a person must demonstrate knowledge of:

- characteristics, applications and limitations of specified materials and components for glass block installation:
    - aluminium frames
    - reinforcement
    - manufacturer's silicone products
    - mortar mixture
    - grouts
    - fire rated glass blocks
- processes and techniques for installing various systems and ranges of glass bricks
- construction terminology relating to installation of glass bricks
- functional and operational features of plant, equipment and hand and power tools:
    - battery operated tools
- workplace safety:
    - job safety and environmental analysis (JSEA)
    - working with hazardous substances
    - working at heights
    - exposure to silica
    - exposure to loud noise
- relevant and current standards and building codes
- features of working drawings and specification
- environmental requirements for workplace processes and waste disposal.

ASSESSMENT CONDITIONS

Assessors must meet the requirements for assessors contained in the Standards for Registered

Training Organisations. This unit must be assessed in the workplace or a close simulation reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.	
LINKS	Companion volumes to this training package are available at the VETNet website: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad