UNIT CODE	CPCCST3018
UNIT TITLE	Inlay lead to stone
APPLICATION	This unit specifies the skills and knowledge required to inlay lead to letters or shapes carved into stone. This unit applies to stonemasons who work independently or in a team to inlay lead relating to stonemasonry work in a workshop setting, on a new or existing structure. 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. Plan and prepare.	1.1 Read, interpret and apply lead inlaying requirements from work instructions, job requirements, standards and codes. 1.2 Follow relevant information from workplace procedures, workplace safety and environmental documentation. 1.3 Determine job priorities and sequence job tasks in consultation with others on site. 1.4 Identify potential hazards and determine and implement control measures. 1.5 Select and check condition of equipment and tools and report damage or faults to relevant person.

2. Perform lead inlay to lettering	2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 2.2 Prepare base of lettering to key lead. 2.3 Handle and prepare lead safely and work in a well-ventilated area. 2.4 Cut lead strips to suit incised letters or shapes and press into position. 2.5 Beat lead strips into carved letters or shapes without damage to stone face. 2.6 Rasp and rub lead to an even flat or raised finish with clean edges. 2.7 Finish and polish lead inlay using fine abrasive products.
3 Clean up.	3.1 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. 3.2 Clean tools and equipment, check for serviceability and report damage or faults. 3.3 Store and secure tools and equipment following workplace procedures.
FOUNDATION SKILLS Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.	
UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPCCST3018A Inlay lead to stone
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 CPCCST3018 Inlay lead to stone

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by inlaying lead into stone.

In doing this, the candidate must inlay lead into:

- one logo or insignia with a minimum size of 150 mm x 150 mm
- a minimum of five letters or numbers with a minimum size of 60 mm.

KNOWLEDGE EVIDENCE

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

- characteristics, applications and limitations of materials for inlaying lead to stone
- types of natural and manufactured stone
- processes and techniques for inlaying lead
- functional and operational features of equipment and tools used for inlaying lead:
    - gelatine
    - masonry drills
    - pneumatic lettering chisels
    - power grinders
    - battery operated tools
- workplace policies and procedures
- workplace safety:
    - effects of lead on humans
    - exposure to lead products
    - safety data sheet (SDS)
    - respiratory protective devices
    - job safety and environmental analysis (JSEA)
    - exposure to silica
    - hazardous substances
    - exposure to excessive noise
- environmental requirements for workplace processes and waste disposal
- Australian Standards and codes for stonemasonry and handling lead
- digital technologies to source information and communicate with others.

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