UNIT CODE	CPCCST2005
UNIT TITLE	Carry out load slinging of off-site materials
APPLICATION	This unit specifies the skills and knowledge required to sling and move materials under supervision. It includes selecting and securing slings and safely moving loads. Shifting equipment refers to equipment excluding that requiring a certificate of competency for operation as specified by state and territory licensing requirements. This unit is suitable for people with basic skills and knowledge who undertake routine work tasks under the direction of more experienced workers. 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 Obtain and follow work instructions and workplace safety requirements. 1.2 Identify potential hazards and implement control measures. 1.3 Erect signage and barricades to create an exclusion zone. 1.4 Select tools for the task and check tool for serviceability and faults. 1.5 Calculate material weight to comply with safe working limits of slings and lifting equipment. 1.6 Identify and apply environmental requirements.

	1.7 Select and check communication equipment suitable for the task.
2. Move, locate and secure load	2.1 Select, fit correctly and use personal protective equipment (PPE) appropriate for job. 2.2 Prepare materials for work application for load slinging. 2.3 Identify and locate shifting/anchorage points and select slings, tackles and associated shifting gear appropriate for the weight and shape of the load. 2.4 Inspect slings, tackles and lifting gear for wear and tear and damage and report faults to supervisor. 2.5 Position and securely attach strongbacks/stiffeners. 2.6 Secure packaging to protect load and connect load to lifting gear. 2.7 Prepare location to receive load. 2.8 Stand load vertically, if necessary, move to required location and secure in position. 2.9 Remove slings from load and lifting equipment and remove packaging from material.
3. Clean up.	3.1 Clean slinging equipment and check for and report damage. 3.2 Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements. 3.3 Complete necessary documentation.
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 CPCCST2005A Carry out load slinging of off-site materials
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 CPCCST2005 Carry out load slinging of off-site materials

PERFORMANCE EVIDENCE

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by slinging and moving three loads of different weight, size and shape under supervision.

In doing this, the candidate must:

- select correct slinging equipment for the load
- connect slinging and lifting equipment securely and safely to load
- apply safe and effective techniques to carry out movement and placement of materials
- use appropriate communication techniques to assist with moving a load.

KNOWLEDGE EVIDENCE

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

- terminology relating to slinging and moving materials
- techniques for:
    - storing and stacking materials safely and securely
    - measuring slings and moving and placing materials
    - using basic hand signals
- types and characteristics of materials used in stonemasonry work
    - crates of fittings
    - packs of metal sections
    - packs of pipe lengths
    - packs of sheet material
    - packs of timber
    - pallets of bagged material
    - pre-cast concrete
    - steel sections
    - stone sections
- tools and equipment:
    - chain slings and hook
    - lifting beams
    - lifting clutches
    - mobile pendant operated cranes
    - nylon ropes
    - packing
    - ropes
    - shackles and eye bolts
    - spanners

o strongbacks. • workplace safety: o hazardous manual tasks o job safety and environmental analysis (JSEA) o exposure to silica dust o exposure to loud noise o hazard identification o overhead hazards o equipment safety o vibration • environmental requirements for workplace processes and waste disposal • stonemasonry regulations, standards and codes • workplace procedures • digital tools and devices 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.

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