Unit of competency

Release 1	This version first released with CPP Property Services Training Package Release 15.0 Supersedes and is equivalent to CPPCLO3021 Clean industrial machinery.
Unit Code	CPPCLO3115
Unit Title	Clean industrial machinery
Application	This unit specifies the skills and knowledge required to perform regular and perioding cleaning of industrial machinery. It covers assessing the extent of the cleaning task and selecting the required cleaning methods, equipment and cleaning agents. It applies to machinery cleaning in industrial, civil construction, manufacturing and mining environments. Machinery may include bottle-making machines, concrete-making machines, earth-moving equipment, food-processing machines and equipment, mining industry equipment, trucks or welders. This unit applies to cleaning industry personnel who work alone or in teams. They use a range of cognitive, technical and communication skills to select and apply a range of methods, tools, materials and information to complete routine cleaning activities and provide solutions to predictable and sometimes unpredictable problems. All work must be carried out in accordance with relevant state/territory legislation and regulations, including work health and safety (WHS), and codes of practice as well as organisational procedures. *No licensing, legislative or certification requirements apply to this unit at the time of publication.*
Prerequisite Unit	Nil
Competency Field	
Unit Sector	Cleaning
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 to clean industrial machinery.	1.1	Identify cleaning requirements and worksite access and security procedures and, if needed, clarify issues with supervisor, team member or client.
		1.2	Select, check for fit and serviceability, and use personal protective equipment (PPE) according to

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			WHS and job requirements.
		1.3	Identify site hazards and risks, position safety signage and barriers and cover items and areas requiring protection from damage according to WHS and job requirements.
		1.4	Check and document pre-existing damage on machinery according to organisational requirements.
		1.5	Determine appropriate cleaning and sanitising required based on type of machinery and surfaces, and soil types.
		1.6	Select the appropriate equipment and cleaning agents and confirm requirements for safe use according to manufacturer instructions.
		1.7	Determine sequence of tasks for maximum hygiene and efficiency of cleaning.
2	Conduct cleaning tasks.	2.1	Pre-treat heavily soiled areas according to manufacturer specifications, WHS and organisational requirements.
		2.2	Use appropriate cleaning methods to clean machinery according to manufacturer recommendations and job requirements.
		2.3	Inspect machinery for residual soil and spot clean according to organisational requirements.
		2.4	Sanitise surfaces that contact food in accordance with job requirements and hygiene standards.
3	Complete work activities.	3.1	Tidy work area, remove safety signage and barriers and dispose of soil and waste in accordance with WHS and environmental requirements.
		3.2	Safely clean and/or dispose of PPE as required by organisational standards.
		3.3	Check cleaning equipment for faults, wear or damage and report in accordance with organisational requirements.
		3.4	Record site cleaning and store cleaning equipment and materials in accordance with organisational requirements.

FOUNDATION SKILLS	As well as the foundation skills explicit in the performance criteria of this unit, candidates require: • reading skills to interpret safety signs and symbols in work area and on cleaning agent labels • numeracy skills to measure quantities of cleaning agents.
UNIT MAPPING INFORMATION	Supersedes and is equivalent to CPPCLO3021 Clean industrial machinery.
LINKS	The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b.

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Assessment Requirements

UNIT CODE AND TITLE	CPPCLO3115 Clean industrial machinery
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PERFORMANCE EVIDENCE
To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by:

- cleaning at least two different types of machinery in one of the following environments:
  - manufacturing industry
  - civil construction
  - food and beverage manufacturing or processing
  - mining industry.

The candidate must demonstrate appropriate use of each of the following methods when cleaning the selected machinery:

- pre-spraying and spot cleaning
- scrubbing
- hosing or pressure washing
- washing and rinsing
- air blowing
- wet and dry wiping.

Candidates must clean each selected type of machinery on at least two occasions.

KNOWLEDGE EVIDENCE
To be competent in this unit, a candidate must demonstrate knowledge of:

- aspects of the following standard relevant to cleaning food and industrial machinery:
  - Food Safety Standard 3.2.2., Division 5 – Cleaning, sanitising and maintenance
- personal and site security procedures and requirements:
  - site access - security cards, codes and keys
  - areas of the worksite not to be accessed
  - alarm activation and deactivation
  - maintaining client privacy and confidentiality
  - contingencies if personal safety at risk
- types of hazards and risks and ways to control:
  - work health and safety (WHS) requirements
  - Safe Work Australia regulations and guidelines
  - job safety analyses (JSAs) and safe work method statements (SWMS)
  - manufacturer instructions and safety data sheets (SDS)
  - types of personal protective equipment (PPE) and correct selection, care, use and disposal
  - slips, trips, falls and spills
  - manual-handling techniques when carrying, lifting, pushing and pulling
  - identification and safe practices with asbestos on site
  - correct use of signage, barriers, containment and engineering controls and PPE
  - safe use of electrical equipment
- organisational requirements for:
  - reporting incidents - accidents and injury, damage to or breakages in the cleaning area or cleaning equipment, theft and threats to personal security and breaches of site security

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- procedures for checking equipment operation and safety
- use of cleaning equipment, cleaning agents, consumables and PPE

- cleaning methods and precautions for machinery types
- types of soil found on industrial machinery:
  - exhaust, soot, oil and grease
  - food and food scraps
- functions, features, safe use, routine maintenance and storage of cleaning equipment:
  - air blowers
  - brooms
  - cloths
  - high-pressure water cleaning units
  - hoses
  - squeegees
  - selection, use, care and storage of microfibre equipment
- types of cleaning agents - their purpose, action, correct use, precautions, safe handling, storage and disposal:
  - purified water
  - detergents
  - surfactants
  - sanitisers
  - disinfectants
  - solvents
  - abrasives
- cleaning principles:
  - cleaning agent, time, agitation and temperature
  - significance of pH value of cleaning agents
  - sequence and direction of cleaning
  - achieve results while doing no harm
- environmentally sustainable work practices and compliance with environmental regulations:
  - storage and disposal of cleaning agents
  - ways of minimising negative environmental impact
  - conserving energy and water
  - recycling
- waste disposal:
  - general waste
  - hazardous waste
  - recyclable waste
  - organic and green waste
  - used materials and cleaning agents.

ASSESSMENT CONDITIONS

Assessors must satisfy the requirements for assessors contained in the Standards for Registered Training Organisations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.
Candidates must have access to:

- industry-standard cleaning equipment
- appropriate PPE
- manufacturer’s instructions and workplace documents.

LINKS	The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b.

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