CPCCPD3030 Apply protective paint coating systems

Release: 1

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Modification History

Release 1   This version first released with CPC Property Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCPD3030B Apply protective paint coating systems. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to apply specialised paint coating systems as a protective measure against atmospheric conditions, sanitation and hygiene risks and the impacts of high traffic areas.

The unit includes preparation of the work area and materials, application of the coating system and clean-up activities.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

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.

Pre-requisite Unit

CPCCWHS2001   Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Painting and Decorating

Elements and 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	Review work instructions to apply protective paint coating systems and select method of application consistent with the job location, type of paint, type and condition of surface and climatic conditions.
	1.2	Plan all work to meet relevant requirements of work health and safety (WHS), Commonwealth and state or territory legislation, environmental plans and obligations, manufacturers' specifications, and workplace requirements.
	1.3	Select and fit personal protective equipment (PPE) as required for each task.
	1.4	Inspect work site, assess hazards and apply risk controls, including required signage and barricades.
	1.5	Identify materials appropriate to the work application, calculate quantities and prepare, handle safely and locate ready for use.
	1.6	Select tools and equipment, check for serviceability and rectify and report any faults.
2 Prepare work site and surfaces.	2.1	Protect surrounding surfaces with drop sheets, masking or removal of objects.
	2.2	Ensure ventilation is adequate and implement precautions to prevent fire and explosion.
	2.3	Implement measures to ensure application area remains free of dust and foreign matter.
	2.4	Determine suitability of surface for protective paint coating and select surface preparation method to meet substrate requirements.
	2.5	Prepare surface, repair, stop and fill imperfections, and sand to a smooth finish ready for the protective coating.
	2.6	Prepare and mix protective coatings to manufacturers' specifications.
3 Apply protective coating.	3.1	Apply and finish protective coating system to requirements.

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	3.2	Perform wet film thickness measurement on wet surface for quality assurance and rectify any issues.
	3.3	Perform dry film thickness measurement on dry surface for quality assurance and rectify any issues.
4 Clean-up.	4.1	Clean-up in accordance with all legislative and workplace requirements for safety, waste disposal, materials handling and protection of the environment.
	4.2	Identify hazardous material for separate handling by authorised personnel.
	4.3	Clear work area, reuse or recycle materials and place waste and unwanted materials into job waste bins or rubbish stockpile.
	4.4	Check and maintain tools and equipment and clean with appropriate solvents.
	4.5	Dispose of paint waste and water and solvents used in cleaning tools and equipment in an environmentally sustainable manner.
	4.6	Store tools and equipment, and seal and segregate unused materials to avoid spontaneous ignition.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and equivalent to CPCCPD3030B Apply protective paint coating systems.

Links

Companion volumes to this training package are available at the VETNet website - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad