



Australian Government

Assessment Requirements for CPCCPD3021 Prepare existing coated surface for painting

Release: 5

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Modification History

- Release 5 Updated reference to general construction induction training program.
- Release 4 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.5.
Amended Knowledge Evidence.
- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.
Correction to Training Package title in the Modification History from CPC Property Services to CPC Construction, Plumbing and Services Training Package Release 1.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Minor edits to formatting.
- Release 1 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCPD3021A Prepare surfaces for painting.
Minor title change. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by preparing the following previously coated surfaces for painting:

- an external timber surface to a minimum of two square metres
- two internal surfaces
 - one plaster to a minimum of two square metres
 - one timber to a minimum of two square metres
- a metal surface to a minimum of two lineal metres
- a masonry surface to a minimum of two square metres

In preparing these surfaces the following equipment must be used:

- chemical strippers
- drop sheets
- duster brushes

- filling knives and blades
- hammers
- hand sanders
- heat removal equipment
- mechanical sanders
- nail punches
- scrapers
- water blasters
- wire brushes.

All work must be performed to the standard required in the workplace and must meet the requirements of Australian Standards, work health and safety (WHS), Commonwealth and state or territory legislation, manufacturers' specifications, and environmental plans and obligations.

Knowledge Evidence

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

- safety requirements relevant to preparing existing coated surface for painting
- environmental requirements relevant to preparing existing coated surface for painting
- corrosion processes and techniques for the protection of metals relevant to preparing existing coated surface for painting
- hazards and risk reduction procedures associated with lead, asbestos, solvents, chemicals, silica and dust
- techniques for removing substrate and surface contaminates:
 - dust
 - films of grease
 - mild chalking
 - mild efflorescence
 - mould
 - paint films that are:
 - blistering
 - corrosion
 - flaking
 - peeling
 - cracking
 - smoke damage
- prevention and/or rectification procedures for surface coating defects
- procedures, products and techniques associated with preparation of existing surfaces:
 - chemical stripping
 - grinding
 - sanding (mechanical and hand)
 - scraping

- use of heat guns
- washing down
- water blasting
- types, characteristics, uses and limitations of tools and equipment:
 - drop sheets
 - duster brushes
 - filling knives and blades
 - hammers
 - hand sanders
 - heat removal equipment
 - mechanical sanders
 - nail punches
 - scrapers
 - water blasters
 - wire brushes
- adhesion testing and remedial actions
- quality requirements relevant to preparing existing coated surface for painting.

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 of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

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>