



Australian Government

Assessment Requirements for CPCCPD3024 Apply paint by spray

Release: 3

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Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 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 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCPD3024A Apply paint by spray. 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:

- applying paint by spray using one alkyd or solvent paint system to a surface of at least six square metres
- airless application and back rolling of acrylic paint system to a surface of at least 50 square metres of:
 - plaster surface
 - masonry surface
 - timber surface
- applying paint by spray using high volume, low pressure (HVLP) spray, or air assisted airless spray, to a surface of at least six square metres
- applying paint by spray to both faces of a standard size door.

The above work must include applying paint by spray to walls, ceilings, architraves and skirting.

All work must be to specification and be performed to the standard required in the workplace and must meet the requirements of 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:

- technical data sheets and safety data sheets (SDS)

- safety requirements relevant to applying paint by spray
- environmental requirements relevant to applying paint by spray
- workplace and equipment safety requirements including respiratory protection
- paint types, their uses and limitations for spray painting:
 - solvent-based (alkyd, urethane, urethane/alkyd, urethane oil or modified alkyd resins)
 - two pack including isocyanate
 - water based
 - water repellents for timber
 - low odour and low-VOC (Volatile Organic Compound) paint
 - alternative and natural paint and paint materials
- painting and decorating terminology relevant to applying paint by spray
- preparatory materials relevant to spray operations
- processes for the calculation of material requirements relevant to applying paint by spray
- quality requirements relevant to applying paint by spray
- rules, regulations, Australian Standards and codes of practice of spray painting
- solid waste and paint sludge disposal techniques and relevant legislation, including Environmental Protection Authority (EPA) and local council regulations
- injection injury
- corrective actions including back rolling
- types, characteristics, uses and limitations of tools and equipment:
 - brushes
 - drop sheets
 - masking equipment
 - respirators
 - sanders
 - vacuum cleaners
 - spray equipment, accessories and lines:
 - hoses
 - regulators
 - spray guns
 - spray tips and filters
 - spray systems:
 - air-assisted spray units
 - airless spray units
 - diaphragm and piston airless spray unit (electrical, pneumatic and petrol)
 - high volume, low pressure (HVLPP) spray applications
 - electrostatic spray systems
 - spray tips, filters and fittings
- techniques for the application of paint by spray
- compatibility of surface coating to substrates.

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>