



Australian Government

CPCCSH3006 Prepare shopfittings and surfaces and apply liquid finishes

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

Revised unit of competency. Replaces superseded non-equivalent CPCCSH2001A Prepare surfaces and CPCCSH3006A Apply finishes.

Application

This unit of competency specifies the outcomes required to prepare new and previously coated shopfittings and surfaces and apply stains, lacquers, paint or sealer to create the required finish. It covers confirming job requirements, preparing tools and materials, and completing work to client and workplace requirements.

The unit supports shopfitters who prepare surfaces of shop doors, windows, walls, ceilings, partitions and shopfittings; and then apply a range of liquid finishes.

It applies to some work which may be carried out off site on units being fabricated for installation and other work completed on site concurrently with other shopfitting work. The work must be scheduled to accommodate both client requirements, where the shop is operational, and the requirements of other shopfitters and associated contractors.

No licensing, legislative, regulatory or certification requirements apply to this unit of competency at the time of endorsement.

Pre-requisite Unit

Nil

Competency Field

Shopfitting

Unit Sector

Construction

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of

conditions.

- 1 Plan and prepare to apply finishes.
 - 1.1 **Job requirements** are obtained, reviewed, confirmed with **relevant personnel** and applied to planning.
 - 1.2 Work site is inspected, conditions and hazards are identified and reported as required, and **health and safety requirements** for preparing surfaces and applying finishes are confirmed with relevant personnel and applied to planning.
 - 1.3 **Surfaces** to be covered, **surface preparation method**, **liquid finishes** and **application methods** to be used are identified and confirmed.
 - 1.4 Job safety analysis (JSA) or safe work method statement (SWMS) for preparing surfaces and applying finishes is reviewed, and confirmed with relevant personnel.
 - 1.5 Sequence of work is identified and scheduled in consultation with client and other shopfitters according to job requirements.
 - 1.6 **Tools and equipment** are selected to carry out tasks according to job requirements, checked for serviceability, and faults are rectified or reported before starting work.
 - 1.7 Liquid finishes are selected and quantities are calculated according to job requirements.
 - 1.8 Liquid finishes are obtained, prepared, safely handled and located ready for use.
- 2 Prepare surfaces.
 - 2.1 New or uncoated surfaces are prepared according to liquid finish manufacturer specifications, substrate and job requirements.
 - 2.2 Substrate of **previously coated surfaces** is identified and condition of surfaces is determined according to liquid finish manufacturer specifications and job requirements.
 - 2.3 Previously coated surfaces are prepared by removing unwanted coatings and loose debris according to job requirements.
 - 2.4 Prepared surface defects are repaired and imperfections

stopped, filled and sanded to smooth finish ready for required finish according to liquid finish manufacturer specifications and job requirements.

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|---|--|-----|---|
| 3 | Apply stains and lacquers to surfaces. | 3.1 | Stain is applied evenly and consistently using specified application method according to health and safety and workplace procedures. |
| | | 3.2 | Stained surfaces are checked for consistent colour and dryness and wiped to provide a clean surface for the application of lacquer according to job requirements. |
| | | 3.3 | Consistent coverage of lacquer is applied to surfaces using specified application method according to manufacturer recommendations, and health and safety and workplace procedures. |
| | | | |
| 4 | Apply paint or sealer to surfaces. | 4.1 | Paint or sealer is applied using specified application method to obtain an even coverage according to job specifications, and health and safety and workplace procedures. |
| | | 4.2 | Painted or sealed surfaces are allowed to dry and checked for consistent coverage. |
| | | 4.3 | Surfaces are lightly sanded and wiped to provide a clean surface for repeat applications according to job specifications, and health and safety and workplace procedures. |
| | | | |
| 5 | Clean up. | 5.1 | Area is cleaned and reusable and waste materials are stored or disposed of according to workplace procedures. |
| | | 5.2 | Unused liquid finishes are sealed and stored according to manufacturer instructions. |
| | | 5.3 | Application tools and equipment are cleaned according to safety data sheet (SDS) for the liquid finish used. |
| | | 5.4 | Tools and equipment are cleaned, maintained and stored according to workplace requirements. |

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill	Performance feature
Learning skills to:	• recognise minor faults and problems with tools and equipment and select and apply appropriate action • apply experience of preparing surfaces and applying liquid finishes to different surfaces when planning and timing new work • contribute to effective shopfitting team interaction by clarifying tasks, and reflecting on and responding to feedback from others.
Numeracy skills to:	• measure and calculate areas of surfaces to be coated • apply manufacturer recommendations and job specifications to determine volumes of liquid finishes required for the calculated areas.
Oral communication skills to:	• use questioning to identify and confirm job requirements • interact with workplace personnel and contribute to safe and efficient shop surface finishing work.
Reading skills to:	• read and interpret job requirements from a range of familiar workplace documentation, including JSA, SWMS, drawings, specifications and SDS.
Writing skills to:	• communicate using mobile telephone text messaging or email to confirm job requirements.
Initiative and enterprise skills to:	• adapt work methods and schedules to meet client requirements and the needs of other shopfitters working concurrently • identify competing demands and expectations and take responsibility for prioritising work and building solutions into the planning process.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

Job requirements must include:

- job specifications for preparing surfaces and applying liquid finishes to shopfittings and surfaces, including:
 - details of the surfaces to be covered and the liquid finishes and application methods to be used
 - quality requirements for the completed work
 - timeframe for completion
- information regarding other personnel undertaking concurrent shopfitting activities at the work site and arrangements for interaction during completion of work
- work site procedures specified by retail project manager or client
- JSA or SWMS for tasks
- schedule for completing work, including client requirements regarding times when work can be undertaken
- workplace procedures incorporating requirements of relevant legislation, regulations, codes and Australian standards
- workplace and work site environmental and sustainability requirements, including:
 - clean-up management
 - dust and noise management
 - waste management.

Relevant personnel must include one or more of the following:

- work health and safety representative
- supervisor
- manager.

Health and safety requirements must include:

- selection, correct fitting, and use of personal protective equipment (PPE) prescribed under legislation, regulations and workplace procedures
- emergency procedures, including:
 - evacuation
 - first aid
 - location and use of firefighting equipment
- hazard identification and risk control procedures
- safe operating procedures, including:

- SDS
- manufacturer specifications
- signage and barricades
- requirements for:
 - concealed services (water, power and gas)
 - lighting
 - work site visitors and the public
 - working at heights
 - working in proximity to others
- selection and use of tools and equipment
- reporting of health and safety issues, hazards, accidents and incidents
- duty of care
- identifying, safe handling, securing and labelling of hazardous materials.

Surfaces must include:

- timber
- medium density fibreboard (MDF) substrate or other manufactured board
- veneered board.

Surface preparation method must include three or more of the following:

- grinding
- manual or mechanical scraping
- sanding
- using heat guns
- washing down.

Liquid finishes must include:

- one-pack low volatile organic compounds (VOC):
 - lacquers
 - paints
 - sealers
 - stains.

Methods for applying finishes for both horizontal and vertical applications must include two or more of the

- brush
- pad
- roller
- spray gun.

following:

Tools and equipment must include:

- airless spray equipment
- benches
- brushes
- buckets
- drop sheets
- dusting brushes
- filling knives and blades
- hammers
- hand sanders
- heat removal equipment
- mechanical sanders
- nail punches
- pads
- paint stirrers
- personal protective equipment:
 - approved spray mask
 - disposable gloves and protective coverall
 - dust masks
 - eye protection
 - hearing protection
 - protective footwear
- rags
- rollers and accessories
- scrapers
- spill kit
- spray guns
- stools
- ventilation and extraction equipment for spraying and sanding
- wire brushes.

Previously coated surfaces must be checked for contamination with:

- dust
- films of grease
- mild chalking
- mild efflorescence
- mould
- paint films that are:
 - blistering
 - flaking
 - peeling

- cracking
- smoke damage.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCSH3006 Prepare shopfittings and surfaces and apply liquid finishes

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Performance Evidence

A person who demonstrates competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must:

- prepare, stain and spray lacquer two surfaces of at least two square metres each, as follows:
 - one veneered board surface
 - one solid timber surface
- prepare surface and spray paint or seal at least two square metres of manufactured board
- prepare surface and spray paint at least two square metres of previously painted surface.

In doing the above work, the person must:

- interpret and confirm job requirements, including calculating area of surfaces and estimating volume of liquid finish required
- plan and organise work to achieve outcomes of job requirements, in consultation with client and other shopfitters, as required
- comply with health and safety requirements relevant to preparing shopfittings and surfaces and applying liquid finishes
- apply workplace and relevant work site procedures relevant to preparing shopfittings and surfaces and applying liquid finishes
- develop or adapt job safety analyses (JSA) or safe work method statements (SWMS) for tasks
- identify and select suitable finishes and applicators
- correctly and efficiently use applicators
- identify typical faults and problems that occur when preparing shopfittings and applying liquid finishes and action required to rectify them
- communicate with others to ensure safe and effective shopfitting operations.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- applicators and equipment relevant to applying liquid finishes, including safe operating procedures
- characteristics of liquid finishes listed in the range of conditions, including safety data sheet (SDS) information
- construction terminology relating to shopfitting areas and liquid finishing requirements
- surface preparation required for surfaces specified in the performance evidence
- types of hazardous materials used for coating shopfittings and surfaces and requirements for their safe handling
- workplace and equipment safety requirements relating to preparing shopfittings and surfaces and applying liquid finishes.

Assessment Conditions

Suitable assessment of performance requires:

- equipment and tools:
 - as listed in the range of conditions
- materials:
 - surfaces and liquid finishes as listed in the range of conditions
- specifications:
 - job requirements
 - health and safety requirements
 - manufacturer specifications
 - SDS
 - JSA or SWMS
 - workplace and relevant work site procedures
- physical conditions:
 - retail space with shopfitters working concurrently
- relationships with team members and supervisor:
 - must schedule and complete work to accommodate requirements of other shopfitters
- relationship with client:
 - must schedule and complete work to accommodate client requirements
- timeframe:
 - according to job requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

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