



Australian Government

ICPSCP2210 Prepare substrate

Release: 1

ICPSCP2210 Prepare substrate

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Application

This unit describes the skills and knowledge required to select and safely prepare and store a wide range of substrates for screen printing.

It applies to individuals working under direct supervision and performing mainly routine tasks.

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

Unit Sector

Screen printing

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare substrate	1.1 Select substrates according to job specifications and end use requirements 1.2 Carry out processing of substrate 1.3 Identify and implement user maintenance requirements according to manufacturer specifications 1.4 Inspect substrate and assess print capability, including any special preparation requirements 1.5 Pre-treat substrate, as required 1.6 Label substrate is according to enterprise procedures
2. Store and handle substrate	2.1 Handle materials according to manufacturer specifications and work health and safety (WHS) requirements

ELEMENT	PERFORMANCE CRITERIA
	2.2 Store materials and substrate according to manufacturer specifications 2.3 Dispose of offcuts of materials according to regulatory requirements and enterprise procedures

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Reading	Identifies and evaluates textual information to determine and adhere to requirements
Writing	Completes required details legibly and accurately for reference details
Numeracy	Identifies basic numerical data to determine volumes and dimensions of required substrate
Self-management	- Takes personal responsibility for adherence to legal and regulatory requirements with specific reference to safety - Complies with all organisational procedures relevant to own role - Takes responsibility for routine low-impact decisions within familiar situations
Planning and organising	Follows clearly defined instructions and sequencing and monitors own progress for the task
Problem solving	Responds to predictable problems and implements standard or logical solutions
Technology	Identifies the purpose and some specific functions of common digital tools used in work contexts

Unit Mapping Information

Supersedes and is equivalent to ICPSCP221 Prepare substrate.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>

Assessment Requirements for ICPSCP2210 Prepare substrate

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- select, process and store two substrates according to manufacturer specifications, job specifications and enterprise procedures.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- work health and safety (WHS) risks and requirements for:
 - handling and storing materials and substrate
 - handling blades
- the types of jobs that would suit different substrate grades and thicknesses
- key factors identifying defects and irregularities in the substrate
- the required pre-treatment of the surface before printing
- the tests required to determine the substrate suitability for printing
- the method for cutting substrate to minimise wastage
- the equipment and methods used for preparing substrate
- quality standards of preparation monitoring
- handling and storage procedures to prevent damage to substrate prior to printing
- the regulatory requirements and procedures for the disposal of substrate offcuts
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the screen printing field of work and include access to substrates.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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