



Australian Government

ICPSCP2700 Manually prepare and produce screen prints

Release: 1

ICPSCP2700 Manually prepare and produce screen prints

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 manually prepare and produce screen prints using manual screening techniques for long print runs that involve a production process.

It applies to individuals working in the printing and graphic arts industry 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 for job	1.1 Use material safety data sheets (MSDS) to identify safe chemical handling procedures 1.2 Check substrate for conformance to job specifications and report or rectify irregularities 1.3 Check ink for conformance to job specifications 1.4 Check stencil for conformance to job specifications 1.5 Adjust substrate position and stencil registration 1.6 Apply ink to screen in quantity required for screen size
2. Prepare for production run	2.1 Run off proof print and check for quality and other technical requirements according to job specifications, and make adjustments

ELEMENT	PERFORMANCE CRITERIA
	as required 2.2 Seek approval from designated personnel to commence production 2.3 Set up belt speed and energy and adjust printing speeds according to job requirements
3. Run job and monitor print quality	3.1 Operate equipment to produce screen print according to job specifications and adjust production speed as required 3.2 Evaluate print quality throughout production run and adjust as required 3.3 Monitor and adjust curing and drying according to manufacturer specifications 3.4 Identify and report problems in machine operation according to enterprise procedures
4. Stack production output	4.1 Confirm drying and curing of output prior to stacking 4.2 Check job status and progress against job specifications and make adjustments as required
5. Conduct shutdown	5.1 Transfer material to required destination 5.2 Remove and clean excess ink, screens, squeegees and flood coaters according to work health and safety (WHS) requirements and manufacturer specifications 5.3 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 5.4 Clean equipment and surrounding areas according to manufacturer specifications and enterprise procedures 5.5 Identify, store and maintain tools and equipment according to manufacturer specifications and enterprise procedures 5.6 Apply correct procedure for dealing with spilt chemicals according to WHS requirements

Foundation Skills

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

Skill	Description
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Writing	• Completes required details accurately using enterprise specific factual information
Numeracy	• Identifies numerical information and makes basic calculations to adjust production processes
Self-management	• Takes personal responsibility for adherence to regulatory and WHS requirements • Complies with enterprise procedures relevant to own role
Teamwork	• Contributes to specific activities requiring joint responsibility and accountability
Planning and organising	• Follows clearly defined instructions and sequencing and monitors own progress for the task • Takes responsibility for routine low-impact decisions within familiar situations
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 ICPSCP270 Manually prepare and produce screen prints.

Links

Companion Volume Implementation Guide is found on VETNet -

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