



Australian Government

ICPSCP2730 Semi-automatically produce basic screen prints

Release: 1

ICPSCP2730 Semi-automatically produce basic 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 safely produce one or two colour semi-automatic screen prints.

It applies to individuals working under direct supervision in the printing and graphic arts industry. They perform mainly routine tasks such as monitoring, adjusting and cleaning equipment, selecting products and ensuring set processes are followed in the use of a semi-automatic printing machine.

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 Check substrate against job specifications and report and rectify any irregularities or inconsistencies 1.2 Adjust substrate position and stencil registration 1.3 Apply ink to screen in quantity required for screen size 1.4 Mix colour and ink and check against job specifications
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 as required 2.2 Seek approval to commence production from designated

ELEMENT	PERFORMANCE CRITERIA
	personnel 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. Shut down machine	5.1 Remove and clean excess ink, screens, squeegees and flood coaters according to work health and safety (WHS) requirements and manufacturer specifications 5.2 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 5.3 Clean equipment and surrounding areas according to manufacturer specifications 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	<ul style="list-style-type: none"> Identifies process from enterprise procedures, manufacturers and suppliers
Numeracy	<ul style="list-style-type: none"> Uses simple mathematical calculations to determine curing and drying times, required supplies and optimum belt speeds
Self-management	<ul style="list-style-type: none"> Takes personal responsibility for adherence to regulatory

	requirements with specific reference to safety <ul style="list-style-type: none"> Complies with enterprise procedures relevant to own role
Teamwork	<ul style="list-style-type: none"> Contributes to specific activities requiring joint responsibility and accountability
Planning and organising	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Responds to predictable problems and implements standard or logical solutions
Technology	<ul style="list-style-type: none"> Identifies the purpose and specific functions of some common digital tools used in work contexts

Unit Mapping Information

Supersedes and is equivalent to ICPSCP273 Semi-automatically produce basic screen prints.

Links

Companion Volume Implementation Guide is found on VETNet -

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