



**Australian Government**

# **ICPSCP273 Semi-automatically produce basic screen prints**

**Release: 1**

## ICPSCP273 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 1.0.

### 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 appropriate 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 Load substrate	1.1 Substrate is checked against job specifications with any irregularities reported and rectified 1.2 Substrate position and stencil registration are adjusted according to job specifications
2 Apply ink to screen	2.1 Ink is applied to screen in quantity required for screen size 2.2 Equipment is kept clean and spills are minimised 2.3 Colour is mixed and ink is checked against job specifications
3 Produce proof print	3.1 Proof print is run off and checked for colour, strength, registration, adhesion, clarity, gloss level, drying or curing, artwork

ELEMENT	PERFORMANCE CRITERIA
	<p>detail and other technical aspects according to job specifications</p> <p>3.2 Adjustments are made as required</p> <p>3.3 Appropriate approval to commence production is sought prior to commencement</p> <p>3.4 Belt speed and energy required are set to achieve desired properties and printing speeds are adjusted to suit</p>
4 Run job and monitor print quality	<p>4.1 Printing speed production is adjusted to maximise quality and output</p> <p>4.2 Print quality is continuously evaluated and adjusted as required</p> <p>4.3 Effects of ink alterations during run are monitored and appropriate action taken according to manufacturer and job specifications</p> <p>4.4 Workplace documentation is completed as required</p> <p>4.5 Curing and drying are constantly monitored and adjusted according to manufacturer and job specifications</p>
5 Carry out routine user maintenance	<p>5.1 Equipment is cleaned according to manufacturer specifications</p> <p>5.2 Fault conditions are identified and reported according to enterprise procedures</p>
6 Stack production output	<p>6.1 Output is checked for thorough drying or curing before stacking</p> <p>6.2 Job status and progress are checked against job specifications and any necessary action is taken</p>
7 Shut down machine	<p>7.1 Excess ink, screens, squeegees and flood coaters are removed and cleaned according to work health and safety (WHS) requirements and manufacturer specifications</p> <p>7.2 Waste materials are disposed of according to manufacturer specifications, regulatory requirements and enterprise procedures</p> <p>7.3 Equipment and surrounding areas are cleaned according to manufacturer specifications and enterprise procedures</p>

## Foundation Skills

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

Skill	Performance	Description
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	<b>Criteria</b>	
Reading	1.1, 1.2, 2.3, 2.4, 3.1, 4.3-4.5, 5.1, 5.2, 6.2, 7.1-7.3	<ul style="list-style-type: none"> <li>Evaluates and establishes job requirements from relevant information</li> <li>Identifies correct process from enterprise procedures, manufacturers and suppliers</li> </ul>
Writing	1.1, 4.4, 5.2	<ul style="list-style-type: none"> <li>Completes required details accurately using enterprise specific and factual information</li> </ul>
Oral Communication	1.1, 3.3, 5.2	<ul style="list-style-type: none"> <li>Discusses faults and any remedial action with supervisor</li> <li>Checks the progress and quality of the job with supervisor</li> </ul>
Numeracy	2.1, 3.4, 4.1, 4.5	<ul style="list-style-type: none"> <li>Uses simple mathematical calculations to determine curing and drying times, required supplies and optimum belt speeds</li> </ul>
Navigate the world of work	7.1-7.3	<ul style="list-style-type: none"> <li>Takes personal responsibility for adherence to legal and regulatory requirements with specific reference to safety</li> <li>Complies with organisational policies and procedures relevant to own role</li> </ul>
Interact with others	3.3	<ul style="list-style-type: none"> <li>Contributes to specific activities requiring joint responsibility and accountability</li> </ul>
Get the work done	1.1, 1.2, 2.2, 2.3, 3.1, 3.2, 3.4, 4.1-4.3, 4.5, 5.2, 6.1, 6.2	<ul style="list-style-type: none"> <li>Follows clearly defined instructions and sequencing and monitors own progress for the task</li> <li>Responds to predictable problems and implements standard or logical solutions</li> <li>Takes responsibility for routine low-impact decisions within familiar situations</li> <li>Understands the purpose and specific functions of some common digital tools used in work contexts</li> </ul>

## Unit Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
ICPSCP273 Semi-automatically produce basic screen prints	ICPSP273C Semi-automatically produce basic screen prints	Updated to meet Standards for Training Packages	Equivalent unit

## **Links**

Companion Volume implementation guides are found in VETNet -

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