



**Australian Government**

# **ICPSCP375 Automatically produce complex screen prints**

**Release: 1**

## ICPSCP375 Automatically produce complex 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 produce complex screen prints of two or more colours using automatic printing machines.

It applies to individuals working in the printing and graphic arts industry who may have to set up and operate power-driven or hand-operated screen printing machines. They may have to provide leadership and guidance to others and have some limited responsibility for the output of others.

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 where possible 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 2.4 Feeder is set and adjusted to suit substrate

<b>ELEMENT</b>	<b>PERFORMANCE CRITERIA</b>
3 Produce proof print	<p>3.1 Proof print is run off and checked for colour, strength, registration, adhesion, clarity, gloss level, drying or curing, artwork detail and other technical aspects according to job specifications</p> <p>3.2 Adjustments are made according to product and machine specifications</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 or supplier 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 or supplier and job specifications</p>
5 Carry out routine user maintenance	<p>5.1 Equipment is lubricated, cleaned and adjusted according to manufacturer or supplier specifications</p> <p>5.2 Faults are identified and reported according to enterprise procedures</p>
6 Handle 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 or supplier specifications</p> <p>7.2 Waste materials are disposed of according to manufacturer or supplier specifications, regulatory requirements and enterprise procedures</p> <p>7.3 Equipment and surrounding areas are cleaned according to manufacturer or supplier 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 Criteria	Description
Reading	1.1, 1.2, 2.3, 3.1, 3.2, 4.3-4.5, 5.1, 6.2, 7.2, 7.3	<ul style="list-style-type: none"> <li>Establishes job requirements from relevant information</li> <li>Identifies correct processes from procedural documentation</li> </ul>
Writing	1.1, 3.3, 4.4, 5.2	<ul style="list-style-type: none"> <li>Records information relating to outcomes of job requirements and machinery problems</li> </ul>
Oral Communication	1.1, 3.3	<ul style="list-style-type: none"> <li>Checks the progress and quality of the job with supervisor</li> </ul>
Numeracy	2.1, 3.4, 4.1	<ul style="list-style-type: none"> <li>Uses basic mathematical formula to calculate required resources and determine measurements and adjustments to equipment and settings</li> </ul>
Navigate the world of work	5.2, 7.1-7.3	<ul style="list-style-type: none"> <li>Complies with organisational, legal and regulatory requirements related to own work with specific reference to safety</li> </ul>
Get the work done	1.1, 1.2, 2.2-2.4, 3.1, 3.2, 4.1-4.3, 4.5, 5.1, 5.2, 6.1, 6.2	<ul style="list-style-type: none"> <li>Understands the purposes, specific functions and key features of common digital systems and tools, and operates them effectively to complete routine tasks</li> <li>Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for efficiency</li> <li>Automatically implements standard procedures for routine decisions</li> <li>Recognises and takes responsibility for addressing predictable problems in familiar work contexts</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSCP375 Automatically produce complex screen prints	ICPSP375C Automatically produce complex 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>