



Australian Government

ICPSCP270 Manually prepare and produce screen prints

Release: 1

ICPSCP270 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 1.0.

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 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 Identify job requirements	1.1 Material safety data sheets (MSDS) are used to identify safe chemical handling procedures 1.2 Substrate is checked for conformance to job specifications with any irregularities reported and/or rectified 1.3 Ink is checked for conformance to job specifications 1.4 Stencil is checked for conformance to job specifications
2 Prepare machine to print	2.1 Substrate position and stencil registration are adjusted according to job specifications 2.2 Ink is applied to screen in quantity required for screen size 2.3 Equipment is kept clean and spillage is minimised

ELEMENT	PERFORMANCE CRITERIA
3 Produce proof print	3.1 Proof print is run off and checked for colour, strength, registration, adhesion, clarity, gloss level, drying and curing, artwork detail and other technical aspects according to job specifications 3.2 Adjustments are made according to product and machine specifications 3.3 Belt speed and energy required are set to achieve desired curing or drying properties 3.4 Appropriate approval to commence production is sought prior to commencement
4 Run job and monitor print quality	4.1 Printing speed production is adjusted to maximise quality and output 4.2 Print quality is continuously evaluated and adjusted as required 4.3 Effects of ink alterations during run are monitored and any discrepancy is notified according to enterprise procedures 4.4 Workplace documentation on job is completed as required 4.5 Curing and drying are constantly monitored and adjusted according to manufacturer or supplier and job specifications
5 Carry out routine user maintenance	5.1 Equipment is cleaned according to enterprise procedures 5.2 Fault conditions are identified and reported according to enterprise procedures
6 Stack production output	6.1 Output is checked for thorough drying and curing before stacking 6.2 Job status and progress are checked for conformance to job specifications and any necessary action is taken
7 Conduct shutdown	7.1 Material is transferred to correct destination in safe manner 7.2 Excess ink, screens, squeegees and flood coaters are removed and cleaned according to work health and safety (WHS) requirements and manufacturer or supplier specifications 7.3 Waste materials and chemicals are disposed of according to manufacturer or supplier specifications, regulatory requirements and enterprise procedures 7.4 Equipment and surrounding areas are cleaned according to manufacturer or supplier specifications 7.5 Tools and equipment are identified, stored and maintained according to manufacturer specifications to ensure ease of access and operator safety

ELEMENT	PERFORMANCE CRITERIA
	7.6 Correct procedure for dealing with spilt chemicals is demonstrated 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	Performance Criteria	Description
Reading	1.1-1.4, 2.1, 3.1, 3.2, 4.3-4.5, 5.1, 5.2, 7.2-7.6	Interprets textual information from relevant sources to identify and adhere to procedures and standards
Writing	1.2, 4.3, 4.4, 5.2	Completes required details accurately using enterprise specific factual information
Oral Communication	1.2, 3.4, 4.3, 5.2	- Reports issues or provides explanations using clear and specific language - Uses listening and questioning techniques to confirm understanding
Numeracy	2.1, 3.3, 4.1, 4.5	Recognises numerical information and makes basic calculations to adjust production processes
Navigate the world of work	4.3, 5.1, 5.2, 7.1-7.6	- Takes personal responsibility for adherence to legal and regulatory requirements with specific reference to safety - Complies with organisational policies and procedures relevant to own role
Interact with others	3.4	Contributes to specific activities requiring joint responsibility and accountability
Get the work done	1.2-1.4, 2.1-2.3, 3.1-3.3, 4.1, 4.2, 4.5, 5.2, 6.1, 6.2, 7.5	- Follows clearly defined instructions and sequencing and monitors own progress for the task - Responds to predictable problems and implements standard or logical solutions - Takes responsibility for routine low-impact decisions within familiar situations - Understands the purpose and some specific functions of common digital tools used in work contexts

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSCP270 Manually prepare and produce screen prints	ICPSP270C Manually prepare and produce 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>