



Australian Government

ICPSCP271 Manually produce basic screen prints

Release: 1

ICPSCP271 Manually 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 manually produce one or two colour screen prints in short runs or limited art prints.

It applies to individuals working under direct supervision and performing mainly routine tasks such as monitoring equipment, selecting appropriate products and ensuring set processes are followed.

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, where possible, 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 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
	detail and other technical aspects according to job specifications 3.2 Adjustments are made as required 3.3 Appropriate approval to commence production is sought prior to commencement 3.4 Belt speed and energy required are set to achieve desired curing or drying properties
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 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 or curing before stacking 6.2 Job status and progress are checked against job specifications and any necessary action is taken
7 Finish operation	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 7.2 Waste materials are disposed of according to manufacturer or supplier specifications, regulatory requirements and enterprise procedures 7.3 Equipment and surrounding areas are cleaned according to manufacturer or supplier 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	Performance	Description
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	Criteria	
Reading	1.1, 1.2, 2.3, 3.1, 4.4, 4.5, 5.1, 6.2, 7.1-7.3	- Establishes job requirements from relevant information - Identifies correct process from procedural documentation
Writing	1.1, 4.3, 4.4, 5.2	Completes required details accurately using enterprise specific and factual information
Oral Communication	1.1, 3.3, 4.3, 5.2	- Discusses remedial action with supervisor - Checks the progress and quality of the job with supervisor
Numeracy	2.1, 3.4, 4.1	Uses simple mathematical calculations to determine quantities and optimum output
Navigate the world of work	4.3, 5.1, 5.2, 7.1-7.3	- Takes some personal responsibility for adherence to legal and regulatory requirements with specific reference to safety - Complies with all organisational policies and procedures relevant to own role
Interact with others	1.1, 3.3	Contributes to specific activities requiring joint responsibility and accountability
Get the work done	1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 3.4, 4.1, 4.2, 4.5, 5.2, 6.1, 6.2	- 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 some common digital tools used in work contexts

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSCP271 Manually produce basic screen prints	ICPSP271C Manually produce basic screen prints	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICPSCP271 Manually produce basic screen prints

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Performance Evidence

Evidence of the ability to:

- manually produce TWO different one or two colour print runs according to job specifications, enterprise procedures and work health and safety (WHS) requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify health and safety issues that apply when producing a manual print
- outline the procedure for setting up the frame relative to the position of the print image and base board
- describe the checks to be made of the ink to determine its suitability for printing on a particular substrate
- describe the checks to be made on the printed sheet when the proof print has been run off
- describe the system used for drying or curing
- explain how to determine whether a print is dried or cured prior to stacking
- outline the maintenance requirements for equipment or machinery used to produce manual prints
- explain how to clean up and dispose of waste materials used in the production of manual prints
- identify required manuals, safety and other documentation and briefly outline the relevant information in each source.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the screen printing field of work and include access to cleaning chemicals and manual screen printing machines.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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