



Australian Government

ICPSCP275 Automatically produce basic screen prints

Release: 1

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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 screen prints on an automatic printing machine

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 an 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 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 Ink is checked against job specifications 2.4 Feeder is set and adjusted to suit substrate

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 or curing, artwork 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 properties and then printing speeds are adjusted to suit
4 Run job and monitor print quality	4.1 Printing speed production is adjusted to maximise quality and output 4.2 Print quality and sheet feeder are continuously evaluated and adjusted as required 4.3 Effects of ink alterations during run are monitored and appropriate action taken according to manufacturer or supplier and job specifications 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 manufacturer or supplier specifications 5.2 Fault conditions are identified, reported and/or rectified according to enterprise procedures
6 Handle production output	6.1 Output is checked for thorough drying or curing before handling 6.2 Job status and progress are checked against job specifications and any necessary action is taken
7 Shut down machine	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 Criteria	Description
Reading	1.1, 1.2, 2.3, 3.1, 4.3-4.5, 5.1, 5.2, 6.2, 7.1-7.3	- Evaluates and establishes job requirements from relevant information - Identifies correct process from enterprise procedures and manufacturer or supplier specifications
Writing	1.1, 4.4, 5.2	Completes required details accurately using enterprise specific and factual information
Oral Communication	3.3, 5.2	- Discusses faults and any remedial action with supervisor - Checks the progress and quality of the job with supervisor
Numeracy	2.1, 3.4, 4.1, 4.5	Uses simple mathematical calculations to determine curing and drying times and optimum belt speed
Navigate the world of work	7.1-7.3	- 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	3.3	Contributes to specific activities requiring joint responsibility and accountability
Get the work done	1.1, 1.2, 2.2, 2.3, 3.1, 3.2, 3.4, 4.1-4.3, 4.5, 5.1, 5.2, 6.1, 6.2	- Follows clearly defined instructions and sequencing - 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 of 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
ICPSCP275	ICPSP275C	Updated to meet	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
Automatically produce basic screen prints	Automatically produce basic screen prints	Standards for Training Packages	

Links

Companion Volume implementation guides are found in VETNet -

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