



Australian Government

ICPSCP382 Produce computer image for screen printing

Release: 1

ICPSCP382 Produce computer image for screen printing

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 generate electronic art to a supplied layout film positive or computer cut stencil.

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 Prepare for scanning	1.1 Original is scaled to conform to job specifications 1.2 Original is assessed to determine scanner settings 1.3 Original is cleaned and correctly mounted according to job specifications 1.4 Correct settings are selected for original to be scanned
2 Scan and check image	2.1 Original is scanned according to quality requirements 2.2 Quality of scanned image is checked against job specifications 2.3 Appropriate software is applied for any processing of text if necessary

ELEMENT	PERFORMANCE CRITERIA
3 Prepare combining strategy	3.1 Required data from electronic files is accessed 3.2 Appropriate application is opened to undertake combining tasks 3.3 Required fonts are accessed according to job specifications
4 Combine data	4.1 Page layout size is created according to job specifications 4.2 Elements are placed in page according to job specifications 4.3 Trapping (spread and chokes) is applied according to job specifications 4.4 Step and repeat function is accessed according to job specifications 4.5 Elements are stepped according to job specifications 4.6 Output menu is configured according to job specifications
5 Access and maintain output device	5.1 Output devices are set up and maintained according to manufacturer or supplier specifications and enterprise procedures 5.2 Suitable material is identified and loaded into output device
6 Produce image	6.1 System is activated to initiate output according to job specifications 6.2 Quality is monitored according to 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, 1.3, 2.2, 2.3, 3.3, 4.1-4.6, 5.1	Evaluates and establishes job requirements and correct processes from relevant information and instructions
Numeracy	1.1	Uses basic mathematical formula to calculate scaling measurements according to job requirements
Navigate the world of work	5.1, 6.2	Monitors adherence to organisational and enterprise policies and procedures and considers own role in terms of its contribution to the broader goals of the work environment
Get the work	1.2-1.4, 2.1, 2.3,	Understands the purposes, specific functions and key features of common digital systems and tools, and

done	3.1-3.3, 4.2-4.6, 5.2, 6.1	- operates them effectively to complete routine tasks - Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for efficiency - Automatically implements standard procedures for routine decisions - Recognises and takes responsibility for addressing predictable problems in familiar work contexts
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSCP382 Produce computer image for screen printing	ICPSP382C Produce computer image for screen printing	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 ICPSCP382 Produce computer image for screen printing

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Performance Evidence

Evidence of the ability to:

- correctly produce TWO separate images on film or stencil according to manufacturer, job, enterprise 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:

- describe the tolerance that is allowed when scaling the original
- name the common scanner dots per inch for graphic line images
- describe the use of original angling and the resolutions that are used in scanning
- name the format that the scan is saved in
- describe how to retain the format when optical character recognition scanning and how to access external files
- name the most appropriate software for this task
- outline the checks required to maintain quality standards
- outline the procedure used if required files are not readily accessible
- describe the type of elements that can be used, the application of trapping and the amount of step and repeats in a job
- list the types of output devices used in screen printing and describe the first step in configuring the output menu for the device used
- discuss the importance of saving the file prior to sending it to the output device.

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:

- a computer and scanner and appropriate software original images
- workplace documents.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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