



Australian Government

ICPPRP382 Produce computer image for screen printing

Release: 1

ICPPRP382 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 produce a computer image for screen printing. It requires the individual 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 industries who work under some supervision using practical skills and equipment to produce computer images for screen printing.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Pre-Press

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 production specifications 1.2 Original is assessed to determine scanner settings 1.3 Original is cleaned and correctly mounted according to production 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 for conformance to job specifications 2.3 Appropriate software is applied for any processing of text if

ELEMENT	PERFORMANCE CRITERIA
	necessary
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's specifications and enterprise procedures 5.2 Suitable material is identified and loaded into the output device
6 Output 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, 3.3, 4.1-4.6, 5.1, 6.1	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Navigate the world of work	6.2	Recognises and follows organisational policies and procedures relevant to own role
Get the work done	1.1-1.4, 2.1-2.3, 3.1-3.3, 4.1-4.6, 5.1,	Takes responsibility for planning and organising own workload and assembles resources required

	5.2, 6.1, 6.2	- Utilises a broad range of features of digital tools optimising software functions for specific purposes - Recognises and takes responsibility for addressing predictable, and some less 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
ICPPRP382 Produce computer image for screen printing	ICPPP382C 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 ICPPRP382 Produce computer image for screen printing

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Performance Evidence

Evidence of the ability to:

- correctly scan, electronically combine and output to designated devices, TWO separate images on film and/or stencil according to job specification and client standards
- find and use information relevant to the task from a variety of information sources.

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 tolerance allowed when scaling original
- identify common scanner Dots Per Inch (DPI) for graphic line images
- explain when original angling is used
- state resolution for optical character recognition in scanning
- identify format in which the scan is saved
- name formatting retained in Optical Character Recognition (OCR) scanning
- explain how external files are accessed
- identify most appropriate software for this combining task
- identify who is responsible for page layout size
- outline type of elements that can be used
- explain when trapping is applied
- explain what determines the number of step and repeats in a job
- name the first step in configuring the output menu
- list types of output devices used in screen printing
- name range of substrates used in output devices
- explain where the file is located prior to the output device
- identify and use checking techniques that maintain quality standards.

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 Pre-Press field of work and include access to special purpose tools, equipment and industry software packages.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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