



Australian Government

ICPSCP2820 Prepare film for basic screen printing

Release: 1

ICPSCP2820 Prepare film for basic screen printing

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Application

This unit describes the skills and knowledge required to prepare film for basic screen printing using appropriate equipment and Raster Image Processor (RIP) software.

It applies to individuals who generally work under direct supervision in the printing and graphic arts industry and perform mainly routine tasks such as operating basic equipment and assessing the production requirements in accordance with job specifications.

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. Assess production requirements	1.1 Identify requirements of printing process and job specifications 1.2 Determine films, dye cartridges, qualities and process requirements 1.3 Check, record and maintain stock levels according to job specifications 1.4 Check and assess copy according to job specifications
2. Prepare and operate equipment	2.1 Select scanner and computer and place artwork 2.2 Select scanner software and settings according to job requirements 2.3 Preview, select images, and complete finished scan according to

ELEMENT	PERFORMANCE CRITERIA
	work health and safety (WHS) requirements 2.4 Determine image format and save to storage device
3. Select and use appropriate software	3.1 Select imaging software and open scan 3.2 Provide separation on individual layers according to job specifications 3.3 Exclude colours as required on separation layers 3.4 Colour separation layers for specific RIP software requirements 3.5 Manually nest image, layers or separations as required according to film output device size 3.6 Determine image format according to RIP software requirements 3.7 Check finished artwork or separation against output requirements
4. Select and operate appropriate equipment	4.1 Select and open RIP software 4.2 Select, check and clean image setter or dye printer 4.3 Check nesting to confirm minimal wastage of film 4.4 Evaluate image against job specifications and correct as required 4.5 Handle film and close down output device according to manufacturer specifications

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Self-management	Complies with enterprise procedures relevant to own role
Planning and organising	- Follows clearly defined instructions and sequencing and monitors own progress for the task - Takes responsibility for routine low-impact decisions within familiar situations
Problem solving	Responds to predictable problems and implements standard or logical solutions
Technology	Identifies the purpose and some specific functions of common digital tools

Unit Mapping Information

Supersedes and is equivalent to ICPSCP282 Prepare film for basic screen printing.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICPSCP2820 Prepare film for basic screen printing

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- prepare film for two different products including use of different image effects according to job and manufacturer specifications.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- work health and safety (WHS) risks and requirements for working on a computer for extended periods of time
- image specifications and the resolutions or dots per inch (DPI) determination
- scanner settings, and the required adjustments in image brightness or contrast
- procedures for checking and recording stock levels
- scanning software and the creation of vector graphics
- the exclusion of colours and bleed for a particular job and the purpose of colouring separation layers
- the unique software requirements and selection criteria of Raster Image Processor (RIP)
- the required image file format when using RIP software and the settings to check prior to ripping
- the nesting requirements of particular jobs and the output suitability prior to producing separations
- the required output device and regular checks and maintenance to conduct on an image setter or dye printer
- the procedures for evaluating the output film against job specifications
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

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:

- scanner
- RIP software.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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