



Australian Government

ICPPRP231 Manually combine spot colour and basic four-colour images

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 manually prepare images and film and combine elements and prepare registration and artwork for the next production stage.

It applies to individuals in the printing industry who design and prepare layouts and artwork and manipulate images and texts to meet production requirements. They generally work under direct supervision.

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 Evaluate images for combining	1.1 Screen rulings are checked according to job specifications and enterprise procedures 1.2 Dot percentages are checked according to job specifications and enterprise procedure 1.3 Image orientation is checked according to job specifications
2 Contact film	2.1 Frame is prepared for contacting according to enterprise procedures 2.2 Film is contacted using a vacuum frame and using predetermined exposures according to job specifications

ELEMENT	PERFORMANCE CRITERIA
3 Combine film manually	3.1 A range of basic combining techniques is identified to meet diverse client requirements and film substrates 3.2 Film is combined employing brush skills to achieve opaquing according to job specifications 3.3 Film is combined adding masks according to design specifications 3.4 Film is combined adding tints and stipples according to design specifications
4 Combine paste-up elements manually	4.1 Film is combined adding tints and stipples according to design specifications 4.2 Screen, line and type images are combined on base sheet according to job specifications 4.3 Masks are produced and positioned on base sheet to add tints, stipples and colour according to design specifications 4.4 Rules, keylines and cut marks are drawn according to job specifications 4.5 Assembled paste-up is checked for squareness, accuracy in positioning of elements and cleanliness of work
5 Maintain register of combined images	5.1 Punch register systems are applied to combine images 5.2 Registration of combined images is accurately placed to ensure alignment of film 5.3 Registration of combined images is accurately secured to ensure alignment of all components
6 Prepare finished film and artwork for next production stage	6.1 Finished film and artwork are laid-down and spaced according to specified paper size identified in job specifications 6.2 Pages and film are pasted up to suit given imposition

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, 3.1, 3.2,	Recognises and interprets text to establish job requirements from information contained within relevant

	3.4, 4.1-4.4, 6.1	procedures and specifications
Navigate the world of work	1.1, 1.2, 2.1	Complies with legislative requirements and follows organisational policies and procedures relevant to own role
Get the work done	1.1-1.3, 2.1, 2.2, 3.1, 3.2, 3.4, 4.1-4.4, 5.1-5.3, 6.1, 6.2	- Plans, identifies and assembles resources required to complete tasks in logical sequence - Responds to predictable problems and implements standard or logical solutions related to role in immediate work environment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRP231 Manually combine spot colour and basic four-colour images	ICPPP231C Manually combine spot colour and basic four-colour images	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 ICPPRP231 Manually combine spot colour and basic four-colour images

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Performance Evidence

Evidence of the ability to:

- prepare and assemble TWO designated layouts, using a variety of selected image elements, following job brief and according to listed performance criteria (finished film and artwork must be laid-down and spaced according to printer's imposition identified in job specifications and registration of combined images accurately secured)
- find and use information relevant to the task from a variety of information sources
- demonstrate skill of combining safe light and room light environments using various light sensitive materials, exposure and processing systems.

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:

- explain how printing processes affect requirements for combining
- list appropriate films used for contacting and duplicating
- outline procedure for establishing basic exposure data for contact emulsions
- describe spreading and choking requirements for preparation of a mask
- identify techniques used to control degree of spread and choke
- detail requirements of an effective pin registration system
- name main types of pin register systems and outline their applications\
- list manuals, safety and other documentation relevant to this task and identify where are they kept and what information is included.

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.

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