



Australian Government

ICPPRP352 Output complex images

Release: 1

ICPPRP352 Output complex images

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 output complex images. It requires the individual to set up an output device, and adjust and manipulate complex images or files that meet the job specifications and are free of errors.

It applies to individuals working in the printing and graphic arts industries who work under some supervision using practical skills and equipment to output complex images.

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 Set up and maintain output device	1.1 Devices are set up to manufacturer's specifications and enterprise standards 1.2 Output medium is calibrated by conducting exposure tests using appropriate software and hardware 1.3 Calibration is evaluated and necessary adjustments made to output device
2 Adjust and manipulate images/files	2.1 Electronic files are evaluated as to suitability for output 2.2 Appropriate output resolution is set 2.3 Appropriate screen angle and dot type are set according to job specifications

ELEMENT	PERFORMANCE CRITERIA
	2.4 Appropriate colour profiles are applied where necessary 2.5 Availability of high resolution images is assessed for Open Prepress Interface (OPI) process 2.6 Appropriate fonts availability is checked 2.7 All support files are included with the job
3 Output image	3.1 File is prepared for output to imaging device 3.2 Job queuing is managed to ensure efficient production 3.3 Images are outputted to appropriate medium 3.4 Output is processed according to job specifications
4 Evaluate result	4.1 Output is checked for correct dot size, screen angles and film density 4.2 Image elements are checked according to original job specifications 4.3 Technical problems are solved and appropriate corrections are made 4.4 Job is prepared for next stage of production

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, 2.3, 3.4, 4.2	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Navigate the world of work	1.1	Recognises and follows organisational policies and procedures
Get the work done	1.1-1.3, 2.1-2.5, 3.1-3.3, 4.2-4.4	- Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency - Responds to predictable problems and implements standard or logical solutions related to role in immediate work environment

		Understands purposes, specific functions and key features of common digital systems and tools and operates them effectively to complete tasks
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRP352 Output complex images	ICPPP352C Output complex 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 ICPPRP352 Output complex images

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Performance Evidence

Evidence of the ability to:

- produce TWO complex images in which appropriate resolution, screen angle and dot type and colour profiles are applied as required to meet job specifications
- 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:

- explain the effect selection of printing process has on output settings for final films
- outline methods/procedures available for calibrating an output device
- list consequences of incorrect calibration
- outline corrective action to take when a file does not transfer correctly
- list main points to be checked before sending a job to the *Raster Image Processor (RIP)*
- explain how selection of image resolution is affected by screen ruling
- list conditions that cause variations from conventional screen angles
- outline checks needed when preparing a job for Open Prepress Interface (OPI)
- list consequences for image quality if OPI files are not placed in their correct folders
- explain function of the low resolution file in the OPI process
- outline main factors that influence processing speed of a job when being RIPped
- explain how RIPping speed of a job can be increased
- name setting changes needed on the output device when outputting a stochastic screen
- outline factors that influence selection of the micron rating of the screen
- name main types of file formats and affects selection of a format has on processing of a job

- locate manuals, safety and other documentation relevant to this task, and identify included information.

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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