



Australian Government

ICPPRN388 Preflight and import complex images for digital devices

Release: 1

ICPPRN388 Preflight and import complex images for digital devices

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 confirm that digital files required for the printing process are all present, valid, correctly formatted and of the desired format to be imported into a digital device. It includes the application of preflight procedures and importation of files into raster image processors (RIPs).

It applies to individuals who use specialised knowledge and follow organisational processes to ensure product quality meets requirements.

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

Unit Sector

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. Access and preflight electronic files	1.1 Electronic data files are located and retrieved using a workstation computer and industry software according to job specifications 1.2 Preflight check of electronic data files is performed to verify correct job set-up according to job specifications, and problems associated with files are identified 1.3 Troubleshooting methods are applied to identify file errors and job requirement inconsistencies 1.4 Solutions are implemented to rectify errors according to job

ELEMENT	PERFORMANCE CRITERIA
	specifications 1.5 Preflight presets are configured for various job specifications
2. Import file to RIP or job queue	2.1 Correct output profile is selected according to job specifications 2.2 Most productive submission workflow is selected and documented based on data file format, quantity and file size, and document finishing 2.3 Job priority is determined according to job specifications and production schedules 2.4 Print driver and/or job download software is correctly installed and set up on workstation computer and/or digital front-end processor 2.5 Manufacturer's installation instructions are located and/or software installation is coordinated according to enterprise procedures 2.6 Data file is submitted to output device, image quality and machine productivity checks are performed, and adjustments made to correct any problems

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, 1.2, 1.4, 1.5, 2.1, 2.3, 2.5	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	2.2	Enters routine data associated with production processes and enterprise procedures
Oral Communication	1.1, 1.2, 1.4, 1.5, 2.1, 2.3, 2.5	Speaks clearly using appropriate vocabulary, tone and pace to report faults and discrepancies
Navigate the world of work	1.1-1.5, 2.1-2.6	Recognises and follows explicit and implicit protocols and meets expectations associated with own role
Interact with	1.1, 1.2, 1.4, 1.5,	Cooperates with others as part of familiar routine activities, and contributes to specific activities

others	2.1, 2.3, 2.5	requiring joint responsibility and accountability Understands what to communicate, with whom and how, in routine work situations
Get the work done	1.1-1.5, 2.1-2.6	- Takes responsibility for planning and organising own workload, and assembles required resources - Recognises and takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts - Utilises a broad range of features within applications to improve personal productivity, optimising software functions for specific purposes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN388 Preflight and import complex images for digital devices	ICPPRN388A Preflight and import complex images for digital devices	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 ICPPRN388 Preflight and import complex images for digital devices

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Performance Evidence

Evidence of the ability to:

- import electronic files that are error-free and meet job specifications into rips or output queues
- find and use information relevant to the task from a variety of information sources
- preflight and import TWO complex jobs according to manufacturer's specifications and enterprise procedures.

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 and describe key digital printing processes
- outline required resolution for various output conditions
- describe different colour modes and how they affect output
- explain trapping and overprint requirements
- identify and describe different screen types and angles
- outline bleed amounts required for various jobs
- explain the impact font types and licensing can have on output
- describe preflighting tools available in various applications
- compare different file types and how they can affect output
- outline factors that influence processing speed of a job during ripping
- explain how the ripping speed of a job can be increased.

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 printing field of work and include access to:

- special purpose tools, equipment and materials
- high-end computers
- raster image processors (RIPs)
- output devices
- layout software.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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