



Australian Government

ICPPRN3880 Preflight and import complex images for digital devices

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 4.0.

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 image processors.

It applies to individuals who use specialised knowledge and follow organisational procedures 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 Locate and retrieve electronic data files using a workstation computer and industry software according to job specifications 1.2 Apply troubleshooting methods to identify file errors and job requirement inconsistencies and apply solutions as required 1.3 Configure preflight presets according to job specifications
2. Import file to RIP or job queue	2.1 Select output profile 2.2 Select and document submission according to data file format, quantity and file size, and document finishing

ELEMENT	PERFORMANCE CRITERIA
	2.3 Determine job priority according to production schedules 2.4 Install and set up print driver and job download software, as required 2.5 Install software according to manufacturer installation instructions and enterprise procedures 2.6 Submit data file to output device, and check image quality and machine productivity, and make adjustments as required

Foundation Skills

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

Skill	Description
Reading	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	Enters routine data associated with production processes and enterprise procedures
Self-management	Recognises and follows explicit and implicit protocols and meets expectations associated with own role
Teamwork	- Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability - Understands what to communicate, with whom and how, in routine work situations
Planning and organising	Takes responsibility for planning and organising own workload, and assembles required resources
Problem solving	Recognises and takes responsibility for addressing predictable, and some less predictable, problems in familiar work contexts
Technology	Utilises a broad range of features within applications to improve personal productivity, optimising software functions for specific purposes

Unit Mapping Information

Supersedes and is equivalent to ICPPRN388 Preflight and import complex images for digital devices.

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 ICPPRN3880 Preflight and import complex images for digital devices

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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:

- preflight and import two complex jobs according to manufacturer specifications and enterprise procedures.

In the course of the above, the candidate must:

- import electronic files that are error-free and meet job specifications into rips or output queues.

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) requirements and procedures for using a computer
- key digital printing processes
- required resolutions for various output conditions
- different colour modes and their impact on output
- trapping and overprint requirements
- screen types and angles
- bleed amounts required for various jobs
- the impact font types and licensing can have on output
- preflighting tools available in various applications
- different file types and their impact on output
- file compatibility issues and processes to resolve them
- factors that influence processing speed of a job during ripping
- methods for increasing ripping speed in a job
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- special purpose tools, equipment and materials
- computer
- image processor
- output devices
- layout 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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