



Australian Government

ICPPRN3920 Set up and produce specialised digital print

Release: 1

ICPPRN3920 Set up and produce specialised digital print

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 set up for and produce specialised, digitally printed products. It includes the use of non-standard substrates and raster image processor (RIP) settings.

It applies to individuals who evaluate job specifications, set up raster image processor (RIP) settings and produce specialised print jobs.

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. Prepare for job	1.1 Identify and analyse job requirements, including specialised specifications 1.2 Confirm availability of all job components 1.3 Determine specialised set-up requirements 1.4 Conduct specialised set up of required printing machinery according to manufacturer specifications and work health and safety (WHS) requirements 1.5 Analyse RIP functions and determine required settings according to specialised job requirements
2. Test and select	2.1 Select substrate

ELEMENT	PERFORMANCE CRITERIA
substrate	2.2 Conduct test print run and confirm substrate meets requirements
3. Conduct specialised proof run	3.1 Operate machine according to manufacturer specifications and enterprise procedures to produce specified proof 3.2 Inspect and test proof as required according to enterprise procedures 3.3 Seek client approval and authority prior to the production run as required 3.4 Interpret results and make adjustments according to product and machine specifications as required
4. Refine and document specialised print process	4.1 Recommend and implement corrective and preventive action as required 4.2 Communicate changes to designated personnel 4.3 Monitor changes and confirm improvement to production efficiency 4.4 Report ongoing problems and document process according to enterprise procedures

Foundation Skills

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

Skill	Description
Writing	Enters routine data associated with production processes and enterprise procedures
Numeracy	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Self-management	- Identifies and follows explicit and implicit protocols and meets expectations associated with own role - Complies with enterprise procedures relevant to own role
Teamwork	- Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability - Identifies what to communicate, with whom and how, in routine work situations
Planning and	Determines priorities and sequences steps involved in clearly defined,

organising	familiar tasks
Problem solving	Identifies and anticipates an increasing range of familiar problems, their symptoms and causes, actively looking for early warning signs and implementing contingency plans
Technology	Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

Unit Mapping Information

Supersedes and is equivalent to ICPPRN392 Set up and produce specialised digital print.

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 ICPPRN3920 Set up and produce specialised digital print

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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:

- set up and use a raster image processor (RIP) and digital printing machine for a specialised job on two occasions according to manufacturer and job specifications and enterprise procedures.

In the course of the above the candidate must:

- analyse job specifications and develop practical solutions to printing a non-standard product.

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 digital production on a computer
- job documentation or production control system, and the job information it contains
- enterprise personnel to refer production problems
- checks required at each point in the production process to meet job requirements
- functions and settings available on a particular RIP or front-end processor
- advanced RIP (raster image processor) settings, including dynamic variables to select stock
- information sources on complex raster image processor RIP usage
- types of substrates suitable for various digital processes
- theory behind several digital processes and their impact on substrate usage
- problem-solving methodologies, including empirical, ishikawa and brainstorming
- quality criteria in proofs that can be visually inspected
- enterprise procedures for inspecting proofs
- online communities, forums and networks which might be useful points of reference for this role

- 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 printing field of work and include access to:

- special purpose tools, equipment and materials
- digital printing machine
- raster image processor (RIP).

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

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