



Australian Government

ICPPRN392 Set up and produce specialised digital print

Release: 1

ICPPRN392 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 1.0.

Application

This unit describes the skills and knowledge required to set up for and produce specialised, digitally printed products. This unit 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. Confirm specialised job specifications	1.1 Job requirements are read and interpreted from job documentation or production control system 1.2 Availability of all job related components is checked and recorded
2. Plan and carry out specialised set-up	2.1 Specialised job specifications are identified and analysed 2.2 Specialised set-up requirements are determined 2.3 Specialised set-up is completed in minimum time and with minimum wastage
3. Set up RIP for specialised digital	3.1 RIP functions are analysed to determine appropriate settings according to specialised job requirements

ELEMENT	PERFORMANCE CRITERIA
printing	3.2 Experimentation is undertaken with RIP functions to determine settings according to specialised job requirements 3.3 Problems are solved effectively to minimise waste and excess costs 3.4 Documentation and other forms of information are accessed to determine source of any problems 3.5 Most productive way to complete the job is determined
4. Test and select substrate	4.1 Substrate specifications are investigated to determine print feasibility 4.2 Test print run is conducted to confirm substrates appropriateness with job requirements 4.3 Appropriate substrate is selected based on print feasibility and job requirements
5. Conduct specialised proof run	5.1 Material to be used for specialised proof is organised correctly 5.2 Machine is operated according to manufacturer's specifications and enterprise procedures to produce a specialised proof 5.3 Specialised proof is visually inspected to enterprise procedures 5.4 Client approval or authority is sought prior to production run where appropriate 5.5 Results are interpreted and adjustments are carried out according to product and machine specifications
6. Refine and document specialised print process	6.1 Corrective or preventive action is recommended and implemented where appropriate 6.2 Changes are communicated to relevant personnel in a logical and easily understood manner 6.3 Changes are monitored to confirm improvement to production efficiency 6.4 Ongoing problems are reported according to enterprise procedures, and process is documented according to enterprise standards 6.5 Documentation is filed so it can be easily retrieved and used as a reference for future, similar jobs

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, 2.1, 2.2, 3.1, 3.2, 4.1, 5.2, 5.5, 6.5	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	1.2, 5.4, 6.4	Enters routine data associated with production processes and enterprise procedures
Oral Communication	1.1, 2.1, 2.2, 3.1, 3.2, 4.1, 5.2, 5.4, 5.5, 6.2, 6.4	Speaks clearly using appropriate vocabulary, tone and pace to communicate
Numeracy	4.1	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Navigate the world of work	1.1, 2.1-2.3, 3.1-3.3, 4.1-4.3, 5.2-5.5, 6.3, 6.4	- Recognises and follows explicit and implicit protocols and meets expectations associated with own role - Complies with WHS, legislative requirements and follows organisational policies and procedures relevant to own role
Interact with others	1.1, 2.1, 2.2, 3.1, 3.2, 4.1, 5.2, 5.4, 5.5, 6.2, 6.4	- 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
Get the work done	1.2, 2.3, 3.1-3.5, 4.2, 4.3, 5.1-5.3, 5.5, 6.1, 6.3	- Determines priorities and sequences steps involved in clearly defined, familiar tasks - Recognises and anticipates an increasing range of familiar problems, their symptoms and causes, actively looking for early warning signs and implementing contingency plans - Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems - Enters key words into a search engine to find information

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN392 Set up and produce specialised digital print	ICPPRN392A Set up and produce specialised digital print	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 ICPPRN392 Set up and produce specialised digital print

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Performance Evidence

Evidence of the ability to:

- analyse job specifications and develop practical solutions to printing a non-standard product
- safely set up and use a raster image processor (RIP) and digital printing machine for a specialised job on TWO occasions according to manufacturer's and job 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:

- name who to discuss any production problems with
- describe all functions and settings available on a particular RIP or front-end processor
- explain advanced RIP settings, such as dynamic variables to select stock
- explain where to source information on complex raster image processor RIP usage
- discuss types of substrates suitable for various digital processes
- explain the theory behind several digital processes and how this impacts substrate usage
- outline problem-solving methodologies, including empirical, ishikawa and brainstorming
- name online forums and networks which might be useful points of reference for this role
- list work health and safety (WHS) issues in relation to each digital process
- show where documentation or other information can be found on specialised digital processes.

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
- full colour production digital presses or specialised wide format printers.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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