



Australian Government

ICPPRN492 Use on-press print control devices

Release: 1

ICPPRN492 Use on-press print control 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 use computerised on-press print control devices.

It applies to press operators who access or input print quality data and perform adjustments to match the proof and maintain print quality throughout the run.

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. Set up print control devices	1.1 CIP3/CIP4 data is accessed for the next print run 1.2 Data is pre-set and options/parameters selected according to the next job specifications 1.3 Data is released to press according to manufacturer's recommended procedure 1.4 Accurate position and fit are attained 1.5 Approximate colour, density and ink/water balance, if applicable, are attained 1.6 Make ready sheets are scanned or corrections are inputted until print matches the proof or client's requirements 1.7 Client or supervisor's approval is obtained prior to running the

ELEMENT	PERFORMANCE CRITERIA
	job
2. Maintain print quality throughout run	2.1 Print quality is continuously monitored visually 2.2 Sheets are scanned to verify visual assessment 2.3 Any correctional data is released to maintain print quality
3. Maintain equipment	3.1 Maintenance tasks are performed according to the operator's manual 3.2 Equipment is calibrated according to the operator's manual

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, 1.6, 2.1	- Recognises and interprets text to establish job requirements from information contained within relevant manufacturer's instructions and manuals and job specifications - Checks printed texts against standards
Writing	1.7	Completes required documents accurately and according to workplace requirements
Oral Communication	1.7	Participates effectively in spoken interactions using appropriate vocabulary, questioning and listening to gain approvals
Interact with others	1.7	Follows accepted communication practices and protocols when seeking approval
Get the work done	1.1-1.6, 2.1-2.3, 3.1, 3.2	- Determines priorities and sequences steps involved in clearly defined, familiar tasks - Recognises and takes responsibility for addressing predictable, and some less predictable problems, in familiar work contexts - Demonstrates a sophisticated understanding of principles, concepts, language and practices associated with the digital world

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN492 Use on-press print control devices	ICPPRN492C Use on-press print control 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 ICPPRN492 Use on-press print control devices

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- find and use information relevant to the task from a variety of information sources
- set up and align monitoring device to appropriate standards on THREE occasions –standards may be defined by enterprise/operator or default tolerances, client requirements, colour tolerances and/or industry standards
- produce profiles of samples taken during THREE different print runs that show print production is within agreed tolerances, if possible, using different variables.

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:

- describe International Colour Consortium (ICC) profiling
- describe underlying principles of densitometry and spectrophotometry
- explain how to determine tolerance in densitometry and spectrophotometry
- describe original colour control strip determinates
- outline how to determine accuracy of elements in a colour strip
- explain how to ensure consistent print quality output
- explain how to recognise colour contamination
- describe how to set alarm limits for colour contamination
- explain the purpose of sampling to ensure consistency
- describe processes to put in place if sample varies from standard
- discuss ways quality can vary and how it can be fixed
- outline computerised functions, common faults and electronic registration systems
- describe information needed:
 - from pre-press to ensure quality product

- to give to pre-press to ensure quality product
- define these terms: registration, fit, position and alignment
- explain the importance of registration marks.

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 a computerised printing machine.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>