ICPPRN493 Set up and monitor in-line printing operations

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 1.0.

Application

This unit describes the skills and knowledge required to set up and monitor either a reel- or sheet-fed machine

It applies to individuals who possess a sound theoretical knowledge of in-line printing operations and who are responsible for digital production workflow.

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
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Confirm job specifications	1.1 Job requirements are read and interpreted from job documentation or production control system 1.2 Set up is planned and carried out correctly in minimum time and with minimum wastage 1.3 Availability of all job related components is checked
2. Set up machine for in-line operation	2.1 Substrate transportation system is set up according to job specifications 2.2 Set off / marking prevention devices are set up and adjusted according to job specifications 2.3 Appropriate image carrier/cutting device is selected and secured to the unit

ELEMENT	PERFORMANCE CRITERIA
	2.4 Impression is adjusted and set according to job specifications
	2.5 Image transfer or inking devices are adjusted and set according to job specifications
3. Conduct proof run	3.1 Material to be used for proof is organised correctly
	3.2 Machine is operated according to manufacturer's specifications and enterprise procedures to produce a specific proof
	3.3 Proof is visually inspected and/or tested or laboratory testing is organised according to enterprise procedures
	3.4 Production does not commence without client approval or authority where appropriate
	3.5 Results are interpreted and adjustments made according to product and machine specifications
4. Maintain and monitor production process	4.1 Production process is operated and monitored in association with fellow workers and according to enterprise procedures and planned daily schedule
	4.2 Product is monitored and minor adjustments made to ensure quality of output is maintained
	4.3 Major adjustments to process are identified and reported to designated personnel according to enterprise procedures
	4.4 Faulty performance of equipment is identified and reported to designated person according to enterprise procedures
	4.5 Waste is sorted according to enterprise procedures
5. Conduct shutdown of production process	5.1 Correct shutdown sequence is followed according to manufacturer's specifications and enterprise procedures
	5.2 Shutdown is conducted in association with fellow workers and in compliance with work health and safety (WHS) requirements
	5.3 Unused ink/coating, if used in process, is correctly labelled and stored according to manufacturer's/supplier's specifications and enterprise procedures
	5.4 All product is removed from operating area
	5.5 Machine faults requiring repair are identified and reported to designated person according to enterprise procedures
	5.6 Repair/adjustment is verified prior to resumption of operations
6. Clean and wash up	6.1 Cylinders, image carriers/cutting devices and roller surfaces are cleaned ready for next run
	6.2 Image carriers/cutting devices are removed and stored

ELEMENT	PERFORMANCE CRITERIA
	according to manufacturer's/supplier's specifications and enterprise procedures
	6.3 Inking system and additional units are washed ready for next run
	6.4 Liquid waste is disposed of according to enterprise procedures and regulatory requirements
	6.5 In-line units are cleaned ready for next run
	6.6 Substrate feed, transportation and delivery systems are disengaged and cleaned ready for next run
	6.7 Production records or other documentation are accurately completed where required by 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	Performance Criteria	Description
Reading	1.1, 2.1, 2.2, 2.4, 2.5, 3.2, 3.5, 5.1, 5.3, 6.2	• Recognises and interprets text to establish job requirements from information contained within relevant instructions, procedures and specifications
Writing	3.4, 4.3, 4.4, 5.3, 5.5, 5.6, 6.7	• Completes records, labels and other required documents accurately and according to workplace requirements
Oral Communication	3.4, 4.4, 5.2, 5.5	• Participates effectively in discussions using appropriate vocabulary, questioning and listening
Navigate the world of work	3.2-3.4, 4.1, 4.3-4.5, 5.1-5.3, 5.5, 6.1-6.7	• Complies with legislative requirements and follows organisational policies and procedures relevant to own role
Interact with others	3.4, 4.4, 5.2, 5.5	• Collaborates and cooperates with others to achieve joint outcomes • Contributes to workgroup discussions using accepted conventions • Selects and uses appropriate communication practices when reporting issues

Get the work done	1.1-1.3, 2.1-2.5, 3.1-3.3, 3.5, 4.1-4.5, 5.1-5.6, 6.1-6.6	• Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency • Assembles and organises required resources • Recognises and takes responsibility for addressing predictable problems in familiar work contexts • Reads data from electronic monitoring and control systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN493 Set up and monitor in-line printing operations	ICPPR493C Set up and monitor in-line printing operations	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426 e24131d