



Australian Government

ICPPRN551 Set up for specialised relief printing

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 for specialised relief printing.

It applies to individuals who can problem-solve and experiment with substrate and press settings when operating reel- or sheet-fed plate, cylinder or rotary printing machines for 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
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 with minimum wastage
3. Set up delivery systems	3.1 Delivery systems are set up, evaluated and adjusted according to job specifications 3.2 Substrate is added to and removed from process according to

ELEMENT	PERFORMANCE CRITERIA
	job specifications
4. Evaluate, select and prepare inks and additives	4.1 Inks, dyes or additives are evaluated according to end-user requirements and job specifications 4.2 Inks, dyes and additives are selected according to end-user requirements and job specifications 4.3 Inks, dyes and additives are prepared according to work health and safety (WHS) requirements, and manufacturer's/supplier's instructions with suitable precautions to minimise waste 4.4 Correct colour and weight/volume of ink are mixed and prepared according to requirements of the printing process and job specifications 4.5 Formulation of ink, colour match and approved colour are appropriately recorded 4.6 Inks, dyes and additives are appropriately labelled, handled and stored according to manufacturer's/supplier's instructions to prevent damage and hazards to personnel and to prolong shelf life
5. Set up machine for specialised relief printing	5.1 Appropriate relief plates are selected and secured to the machine 5.2 Relief polymer plates/forme are set up and adjusted according to job specifications (platen) 5.3 Relief polymer cylinders are set up and adjusted according to job specifications (platen) 5.4 Impression is set up and adjusted according to job specifications (platen and rotary) 5.5 Inking system is set up and adjusted according to requirements of the relief process and job specifications (platen and rotary) 5.6 Drying system is set up and adjusted according to job specifications
6. Conduct specialised proof run	6.1 Material to be used for specialised proof is organised correctly 6.2 Machine is operated according to manufacturer's specifications and enterprise procedures to produce a specialised proof 6.3 Specialised proof is visually inspected and/or tested or laboratory testing is organised according to enterprise procedures 6.4 Production does not commence without client approval or authority where appropriate 6.5 Results are interpreted and adjustments are carried out according to product and machine specifications

ELEMENT	PERFORMANCE CRITERIA
7. Troubleshoot machinery and material problems	7.1 Corrective or preventive action is recommended and implemented where appropriate 7.2 Changes are communicated to relevant personnel in a logical and easily understood manner 7.3 Changes are monitored to confirm improvement to production efficiency 7.4 Ongoing problems are reported 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	Performance Criteria	Description
Reading	1.1, 2.1, 4.1-4.4, 4.6, 5.2-5.6, 6.2, 6.5	Recognises and interprets text to establish job requirements from information contained within relevant instructions, procedures and specifications
Writing	4.5, 4.6, 6.4, 7.2, 7.4	- Completes workplace records and labels accurately and according to requirements - Considers context and audience when composing texts
Oral Communication	6.4, 7.2, 7.4	Participates effectively in spoken interactions using appropriate vocabulary, questioning and listening techniques to gain approvals, report problems or provide information
Numeracy	2.3, 4.4	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Navigate the world of work	4.3, 4.5, 4.6, 6.2-6.4, 7.4	- Complies with legislative requirements and follows organisational policies and procedures relevant to own role - Recognises boundaries of own role and responsibilities
Interact with others	6.4, 7.2, 7.4	- Complies with legislative requirements and follows organisational policies and procedures relevant to own role - Recognises boundaries of own role and responsibilities
Get the work done	1.2, 2.2, 2.3, 4.3, 4.4, 4.6, 5.1-5.6,	- Plans, evaluates, identifies and assembles resources required to complete tasks - Determines priorities and sequences steps involved in

	6.1-6.5, 7.1-7.4	complex tasks • Monitors results to determine whether requirements are met and to identify opportunities for improvement • Takes responsibility for addressing predictable and unpredictable problems in familiar work contexts • Uses familiar digital systems and tools to access, organise, analyse and display information relevant to role • Reads data from electronic monitoring and control systems
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Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Delivery systems MUST include EITHER:	• reel OR • sheet
Setting up, evaluating and adjusting MUST include EITHER:	• unwind and rewind reels • webbing procedure and web control systems • splicing/joining reels • print web viewing devices • folders and sheeters • set off / marking prevention devices OR • feeder and delivery sections • sheet pick-up and transportation system • transfer and control system • set off / marking prevention devices

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN551 Set up for specialised relief	ICPPRN551C Set up for specialised relief	Updated to meet Standards for	Equivalent unit

Code and title current version	Code and title previous version	Comments	Equivalence status
printing	printing	Training Packages	

Links

Companion Volume implementation guides are found in VETNet -

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