



Australian Government

ICPPRN521 Set up for specialised gravure 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 gravure printing.

It applies to individuals who work outside standard job routines and who have the skills to experiment and make on-the-job adjustments to substrates and press settings.

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 Set up is planned and carried out correctly in minimum time with minimum wastage 1.3 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 Special set up requirements are determined 2.3 Specialised set up is completed in minimum time with minimum wastage
3. Set up reels	3.1 Unwind and rewind reels are set up and adjusted according to

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	job specifications 3.2 Webbing procedures are carried out according to job specifications 3.3 Web-control system is set up, evaluated and adjusted according to job specifications 3.4 Reels are spliced/joined according to job specifications 3.5 Printed web viewing devices are set up, evaluated and adjusted according to job specifications 3.6 Folder and sheeter are set up, evaluated and adjusted according to job specifications 3.7 Set off / marking prevention devices are set up, evaluated and adjusted according to job specifications
4. Select and prepare inks and additives	4.1 Inks, dyes or additives are evaluated with reference to specialised requirements 4.2 Inks, dyes or additives are selected according to 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 job specifications and the printing process 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 gravure printing	5.1 Gravure cylinders are selected, installed, set up and adjusted according to job specifications 5.2 Impression roller is set up and adjusted according to job specifications 5.3 Inking system/doctor blade is set up and adjusted according to the gravure process and job specifications 5.4 Drying system is set up and adjusted according to job specifications
6. Conduct specialised proof run	6.1 Material to be used for proof is organised correctly 6.2 Machine is operated according to manufacturer's specifications and enterprise procedures to produce a specified proof

ELEMENT	PERFORMANCE CRITERIA
	6.3 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 evaluated with adjustments carried out according to product and machine specifications
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 in 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, 3.1-3.7, 4.2-4.4, 4.6, 5.2-5.4, 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 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, 5.1-5.4, 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 responsibilities

Interact with others	6.4, 7.2, 7.4	• Collaborates with others to complete tasks according to requirements • Follows accepted communication practices and protocols when seeking approvals or reporting problems
Get the work done	1.2, 1.3, 2.1-2.3, 3.1-3.7, 4.1-4.4, 4.6, 5.1-5.4, 6.1-6.3, 6.5, 7.3, 7.4	• Plans, evaluates, identifies and assembles resources required to complete tasks • Determines priorities and sequences steps involved in complex tasks with a focus on production efficiency • 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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN521 Set up for specialised gravure printing	ICPPR521C Set up for specialised gravure printing	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>