



Australian Government

ICPPRN393 Set up for basic relief printing

Release: 1

ICPPRN393 Set up for basic relief printing

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 safely set up reel-fed or sheet-fed platen, cylinder or rotary printing machines, and conduct a proof run for basic relief printing.

It applies to individuals who prepare material, monitor and run equipment and machinery, and apply solutions to a defined range of unpredictable problems. They may also provide leadership and guidance to others with some limited responsibility for the output of others.

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 job specifications	1.1 Job requirements are read and interpreted from job documentation or production control system 1.2 Set-up is carried out correctly in minimum time with minimum wastage, and availability of all job related components is checked
2. Set up reel system	2.1 Unwind and rewind reels are set up and adjusted according to job specifications 2.2 Webbing procedures are carried out and web-control system is set up and adjusted according to job specifications 2.3 Reels are spliced/joined according to job specifications 2.4 Printed web viewing devices are set up and adjusted according

ELEMENT	PERFORMANCE CRITERIA
	to job specifications 2.5 Folder and sheets are set up and adjusted according to job specifications 2.6 Set off / marking prevention devices are set up and adjusted according to job specifications
3. Set up sheet transportation system on sheet-fed machine	3.1 Feeder and delivery sections are set up and adjusted according to job specifications 3.2 Sheet pick-up and transportation systems are set up and adjusted according to job specifications 3.3 Transfer and control systems are set up and adjusted according to job specifications 3.4 Set-off / marking prevention devices are set up and adjusted according to job specifications 3.5 Substrate is added to and removed from process according to job instructions
4. Select and prepare inks and additives	4.1 Quality and suitability of inks, dyes or additives are selected according to job specifications and end-user requirements 4.2 Quality and suitability of inks, dyes or additives are checked and appropriate action is taken 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 to match 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. Select and prepare embellishment dyes	5.1 Quality and suitability of dyes are selected according to job specifications and end-user requirements 5.2 Dyes are prepared according to WHS requirements and manufacturer's/supplier's instructions, with suitable precautions to minimise waste 5.3 Dyes are appropriately labelled, handled and stored according to manufacturer's/suppliers instructions to prevent damage and

ELEMENT	PERFORMANCE CRITERIA
	hazards to personnel and to prolong shelf life 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 the relief process and job specifications (platen and rotary) 5.6 Drying system is set up and adjusted according to job specifications
6. Set up machine for basic relief printing	6.1 Appropriate relief plates are selected and secured to the machine 6.2 Relief plates, formes or cylinders are positioned, set up and adjusted according to job specifications (platen and rotary) 6.3 Impression is set up and adjusted according to job specifications (platen and rotary) 6.4 Inking system is set up and adjusted according to relief process and job specifications (platen and rotary) 6.5 Drying system is set up and adjusted according to job specifications
7. Set up machine for basic embellishment	7.1 Appropriate dyes are selected and secured to the machine 7.2 Dyes are positioned and set up and adjusted according to job specifications (platen and rotary) 7.3 Impression is set up and adjusted according to job specifications (platen and rotary)
8. Conduct proof run	8.1 Material to be used for proof is organised correctly 8.2 Machine is operated according to manufacturer's and enterprise procedures to produce specified proof 8.3 Proof is visually inspected and/or tested or laboratory testing organised according to enterprise procedures 8.4 Client approval or authority is sought prior to the production run where appropriate 8.5 Results are interpreted and adjustments are carried out according to product and machine specifications to determine adjustment requirements

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, 2.1-2.6, 3.1-3.5, 4.1, 4.3, 4.4, 4.6, 5.1-5.6, 7.2, 7.3, 8.3, 8.5	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	4.5, 4.6, 8.4	Enters routine data associated with production processes and enterprise procedures
Oral Communication	2.1-2.6, 3.1-3.5, 4.1, 4.3, 4.4, 5.1, 5.4-5.6, 7.2, 7.3, 8.3, 8.4	Speaks clearly using appropriate vocabulary, tone and pace to report faults and discrepancies
Numeracy	3.5, 4.4	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Navigate the world of work	1.1, 1.2, 2.1-2.6, 3.1-3.5, 4.1-4.6, 5.1-5.6, 6.1, 6.2-6.5, 7.1-7.3, 8.1-8.5	Recognises and follows explicit and implicit protocols and meets expectations associated with own role
Interact with others	2.1-2.6, 3.1-3.5, 4.1, 4.3, 4.4, 5.1, 5.4-5.6, 7.2, 7.3, 8.2-8.4	- 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	1.1, 1.2, 2.1-2.6, 3.1-3.5, 4.1-4.4, 4.6, 5.1-5.6, 6.1, 6.2-6.5, 7.1-7.3, 8.1-8.3, 8.5	- Takes responsibility for planning and organising own workload and assembles required resources - Recognises and takes responsibility for addressing predictable, problems in familiar work contexts, adjusting resources and equipment as required - Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN393 Set up for basic relief printing	ICPPR393A Set up for basic relief printing	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-a253-47e3-8be0-5d426e24131d>