



Australian Government

ICPPRN3940 Produce complex relief printed product

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 4.0.

Application

This unit describes the skills and knowledge required to safely operate, monitor and clean a platen, cylinder or rotary printing machine using an efficient non-routine production flow.

It applies to skilled individuals working as print machinists in the printing and graphic arts industry who set up, operate and monitor equipment and machinery, and who may have to prepare material and apply solutions to 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. Maintain non-routine operation of reel system	1.1 Monitor and adjust reel stand, rewind section and web control system according to work health and safety (WHS) requirements 1.2 Add substrate to and remove substrate from process according to job specifications 1.3 Review and adjust sheeting section and set-off and marking prevention system
2. Maintain operation of sheet system	2.1 Monitor and adjust feeder and delivery 2.2 Monitor and adjust sheet pick-up and transport system 2.3 Monitor and adjust transfer systems

ELEMENT	PERFORMANCE CRITERIA
3. Maintain complex relief printing process	3.1 Review and adjust relief polymer forme or plate cylinder condition 3.2 Review and adjust relief polymer impression surface condition 3.3 Monitor and adjust relief polymer inking system and drying systems
4. Maintain production process	4.1 Monitor and adjust in-line processes 4.2 Use machine controls as required 4.3 Review and verify performance using the process control system according to product quality requirements 4.4 Monitor and adjust ink performance, colour, register and position 4.5 Report process adjustments to eliminate problems according to enterprise procedures
5. Identify and rectify problems	5.1 Identify and report problems in machine operation according to enterprise procedures 5.2 Carry out adjustments or corrections according to specified procedures, and within scope of own role 5.3 Verify repairs and adjustments as required prior to resumption of operations
6. Conduct shutdown of production process	6.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 6.2 Label and store unused ink according to manufacturer specifications and enterprise procedures 6.3 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 6.4 Clean and disengage all required parts of machinery used in printing process according to manufacturer specifications and enterprise procedures 6.5 Complete required production records and enterprise documentation

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Writing	Enters routine data associated with production processes and enterprise procedures
Numeracy	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Self-management	- Identifies and follows explicit and implicit protocols and meets expectations associated with own role - Identifies and follows all procedures for cleaning and maintenance of equipment, incorporating regulatory requirements and enterprise procedures
Teamwork	- Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability - Identifies what to communicate, with whom and how, in routine work situations
Planning and organising	Determines priorities and sequences steps involved in clearly defined, familiar tasks
Problem solving	Identifies and anticipates an increasing range of familiar problems, their symptoms and causes, actively looking for early warning signs and implementing contingency plans
Technology	Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

Unit Mapping Information

Supersedes and is equivalent to ICPPRN394 Produce complex relief printed product.

Links

Companion Volume Implementation Guide is found on VETNet -

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