



Australian Government

ICPPRN3140 Produce complex flexographic 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 set up machines for non-routine flexographic printing.

It applies to individuals who work as print machinists. They prepare material, monitor and run equipment and machinery and apply solutions to printing difficulties as they arise.

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 transportation and delivery systems	1.1 Identify job requirements 1.2 Monitor and adjust reel stand and web control system according to operating requirements 1.3 Add substrate to the printing process 1.4 Check and adjust reel rewind section according to tension requirements and confirm no marks, blemishes or damage to finished product has occurred 1.5 Remove substrate from the printing process 1.6 Monitor and adjust sheeting section and set off and marking prevention systems
2. Maintain complex	2.1 Monitor and adjust flexographic plate and plate cylinder or

ELEMENT	PERFORMANCE CRITERIA
flexographic printing process	sleeve condition according to required proof standard 2.2 Check flexographic impression roller condition 2.3 Review and adjust flexographic inking system and doctor blade condition 2.4 Monitor and adjust drying systems 2.5 Monitor and adjust in-line processes
3. Maintain non-routine production process	3.1 Use automatic control as per specification 3.2 Use manual control as per specification 3.3 Monitor and adjust ink performance, colour, register and position of print throughout production run 3.4 Report process adjustments to eliminate problems according to enterprise procedures
4. Identify and rectify faults	4.1 Identify and report problems in flexographic machine according to enterprise procedures 4.2 Carry out adjustments and corrections as required according to manufacturer specifications and within scope of own role 4.3 Identify machine faults requiring repair and report to designated person
5. Conduct shutdown of production process	5.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 5.2 Remove reels and cores from press 5.3 Drain unused ink back into containers and label and store 5.4 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 5.5 Clean all required parts of flexographic machinery used in printing process 5.6 Lubricate and protect press according to duration of shutdown 5.7 Complete required production records and enterprise documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	Identifies and interprets text to establish job requirements
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
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 ICPPRN314 Produce complex flexographic printed product.

Links

Companion Volume Implementation Guide is found on VETNet -

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