



Australian Government

ICPPRN3420 Produce complex pad 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 produce complex pad printed product ensuring an efficient non-routine production flow that maintains product quality standards.

It applies to individuals who work under supervision and are responsible for ensuring the production process is maintained in accordance with the requirements of the proof, and any equipment issues and production problems are identified and resolved with minimum downtime.

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 pad printing process	1.1 Check and adjust location of objects into fixtures according to manufacturer specifications and work health and safety (WHS) requirements 1.2 Review and adjust printing plates and printing pad condition 1.3 Check and adjust spatulas, doctor blades and ink cups as required 1.4 Observe and adjust printing ink viscosity 1.5 Monitor and adjust in-line loading, pre-treatment, drying and ejection systems

ELEMENT	PERFORMANCE CRITERIA
2. Maintain non-routine production process	2.1 Use machine controls as required 2.2 Monitor and verify performance using the process control system 2.3 Monitor and adjust ink performance, colour, register and position 2.4 Report process adjustments to eliminate problems according to enterprise procedures and quality requirements
3. Identify and rectify faults	3.1 Identify and report problems in machine operation according to enterprise procedures 3.2 Carry out adjustments or corrections according to specified procedures, and within scope of own role 3.3 Verify repairs and adjustments as required prior to resumption of operations
4. Conduct shutdown of production process	4.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 4.2 Label and store unused ink according to manufacturer specifications and enterprise procedures 4.3 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 4.4 Clean and disengage all required parts of machinery used in printing process according to manufacturer specifications and enterprise procedures 4.5 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
Get the work done	- Takes responsibility for planning and organising own workload, identifying ways of sequencing and combining elements for greater efficiency - Plans, identifies and assembles resources required to complete tasks
Problem solving	Responds to problems and applies formal problem solving processes when tackling unfamiliar problems
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 ICPPRN342 Produce complex pad printed product.

Links

Companion Volume Implementation Guide is found on VETNet -

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