



Australian Government

ICPPRN414 Produce specialised 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 1.0.

Application

This unit describes the skills and knowledge required to produce specialised flexographic printing that needs a certain amount of problem-solving and experimentation with the substrate and press settings.

It applies to skilled individuals working as print machinists in the printing and graphic arts industry who prepare material, set up, monitor, operate and clean equipment and machinery, problem-solve, analyse and evaluate information from a variety of sources. 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 specialised flexographic printing process	1.1 Flexographic plate and plate cylinder or sleeve condition is monitored, evaluated and adjusted to ensure quality of printed product meets the approved proof standard 1.2 Flexographic impression roller condition is monitored and evaluated to ensure the quality of printed product meets the approved proof standard 1.3 Flexographic inking system and doctor blade condition is monitored, evaluated and adjusted to ensure quality of specialised printed product meets the approved proof standard

ELEMENT	PERFORMANCE CRITERIA
	1.4 Drying systems are monitored, evaluated and adjusted to ensure quality of the specialised printed product meets the approved proof standard
2. Maintain specialised production process	2.1 Production process is maintained in association with fellow workers and according to enterprise procedures and planned daily schedule 2.2 Production is maintained according to work health and safety (WHS) requirements, manufacturer's specifications and enterprise procedures 2.3 Manual and/or automatic control is used according to job specifications 2.4 Performance is monitored, adjusted and verified using the process control system according to enterprise procedures 2.5 Ink performance, colour, register and position of print are monitored, evaluated and adjusted throughout production run
3. Tune and adjust machinery	3.1 Idiosyncrasies of machines are reviewed and adjustments or tuning undertaken to compensate, or exploit the idiosyncrasy, within manufacturer's specifications 3.2 Options are assessed to determine most effective/efficient method of production, ensuring highest quality and yield from machinery 3.3 Test run confirms correct options and settings or the need for further adjustment or tuning to meet quality standards 3.4 Options and recommendations are documented for future reference according to enterprise procedures 3.5 Instruction on new practices is provided to machine operator or finisher, if required
4. Troubleshoot machinery and material problems	4.1 Corrective or preventive action is recommended and implemented where appropriate 4.2 Changes are communicated to relevant personnel in a logical and easily understood manner 4.3 Changes are monitored to confirm improvement to production efficiency 4.4 Ongoing problems are reported according to enterprise procedures
5. Conduct shutdown of production process	5.1 Correct shutdown sequence is followed according to manufacturer's specifications and enterprise procedures

ELEMENT	PERFORMANCE CRITERIA
	5.2 Shutdown is conducted in association with fellow workers and in compliance with WHS requirements 5.3 Reels and cores are removed from press 5.4 Unused ink is drained back into containers and correctly labelled and stored according to manufacturer's/supplier's specifications and enterprise procedures 5.5 Solid and liquid waste is removed from operating area and recycled or disposed of, where required, according to regulatory requirements and enterprise procedures 5.6 Product is removed from operating area

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	2.2, 2.3, 3.1, 5.1, 5.4	Recognises and interprets text to establish job requirements from information contained within relevant instructions, procedures and specifications
Writing	3.4, 3.5, 4.1, 4.4, 5.4	Completes records, forms and other documents accurately and according to workplace requirements
Oral Communication	2.1, 3.5, 4.1, 4.2, 4.4, 5.2	Participates effectively in discussions using appropriate vocabulary, questioning and listening skills
Navigate the world of work	2.1, 2.2, 3.4, 4.4, 5.1, 5.2, 5.4, 5.5	Complies with legislative requirements and follows organisational policies and procedures relevant to own role
Interact with others	2.1, 3.5, 4.1, 4.2, 4.4, 5.2	- Collaborates and cooperates with others to achieve joint outcomes - Contributes to workgroup discussions using accepted conventions - Selects and uses appropriate communication practices when reporting issues
Get the work done	1.1-1.4, 2.1-2.5, 3.1, 3.4, 4.1-4.4, 5.1-5.6	- Determines priorities and sequences steps involved in clearly defined, familiar tasks and identifies and assembles required resources - Makes rapid decisions when required, drawing on

		in-depth understanding of a situation and experience of decision-making • Responds to predictable problems and implements standard or logical solutions related to role in the immediate work environment • Reads data from electronic monitoring and control systems
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN414 Produce specialised flexographic printed product	ICPPR414C Produce specialised flexographic printed product	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>