



Australian Government

ICPPRN262 Produce foil stamped product

Release: 1

ICPPRN262 Produce foil stamped product

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 a foil stamped product using a gold blocking or hot foil machine in accordance with product quality standards.

It applies to individuals who work under direct supervision but are responsible for preparing materials, monitoring and cleaning equipment and machinery and ensuring the production process is maintained.

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 operation of delivery systems	1.1 Delivery systems are monitored and adjusted to ensure efficient and continuous operation, without damage to finished product 1.2 Substrate is added to and removed from process according to job instructions
2. Maintain production process	2.1 Production process is operated in association with fellow workers and according to company specifications and planned daily schedule 2.2 If necessary, location of objects into fixtures/jigs is monitored and adjusted 2.3 Foil transfer system is monitored and adjusted to ensure quality

ELEMENT	PERFORMANCE CRITERIA
	of printed product meets the approved proof standard 2.4 Basic in-line printing/converting/binding/finishing process(es) are monitored and adjusted to ensure quality of product meets the approved proof standard 2.5 Production is maintained within work health and safety (WHS) requirements and company and manufacturer's specifications 2.6 Manual and/or automatic control is used as per specification 2.7 Performance is monitored and verified using the process control system according to enterprise procedures 2.8 Foil performance and position of print are monitored and adjusted throughout production run 2.9 Waste is sorted according to enterprise procedures
3. Identify and rectify problems	3.1 Production difficulties are anticipated and preventive action is taken to prevent occurrence by timely intervention 3.2 Process adjustments to eliminate problems are reported according to enterprise procedures 3.3 Faulty performance of equipment is identified and reported according to enterprise procedures 3.4 Problems in foil stamping machine operation are identified and reported according to enterprise procedures 3.5 Adjustments or corrections are carried out according to specified procedures and consistent with operator's skill level 3.6 Foil stamping machine operation is checked to ensure correct operation
4. Conduct shutdown of production process	4.1 Correct shutdown sequence is followed according to manufacturer's specifications and enterprise procedures 4.2 Shutdown is conducted in association with fellow workers and in compliance with WHS requirements 4.3 Unused foil is correctly labelled and stored according to manufacturer/supplier specifications and enterprise procedures 4.4 Waste is removed from operating area and recycled or disposed of, where required, according to regulatory requirements and enterprise procedures 4.5 All product is removed from operating area 4.6 Machine faults requiring repair are identified and reported to designated person according to enterprise procedures 4.7 Repair/adjustment is verified prior to resumption of operations

ELEMENT	PERFORMANCE CRITERIA
5. Clean printing machine at end of print run	5.1 Units are cleaned ready for next run 5.2 Transportation and delivery systems are disengaged and cleaned ready for next run 5.3 Production records or other documentation are accurately completed, where required by enterprise procedures

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	4.1	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	4.3, 4.6, 53	Enters routine data associated with production processes and enterprise procedures
Oral Communication	4.1, 4.2, 4.6	Speaks clearly using appropriate vocabulary, tone and pace to report faults and discrepancies
Navigate the world of work	4.1, 4.2, 4.4, 4.6, 5.1-5.5	- Recognises and follows explicit and implicit protocols and meets expectations associated with own role including achieving outcomes more efficiently and effectively - Recognises and follows all procedures for cleaning and maintenance of equipment Incorporating regulatory requirements and enterprise procedures
Interact with others	4.1, 4.2, 4.6	- 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, identifying relevant information and ideas
Get the work done	4.1, 4.2, 4.4-4.7	- Determines priorities and sequences steps involved in clearly defined, familiar tasks - Recognises and anticipates an increasing range of familiar problems, their symptoms and causes, actively looking for early warning signs and implementing contingency plans

		Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems
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Range of Conditions

This section specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Delivery systems MUST include EITHER:	- reel OR - sheet
Monitoring and adjusting MUST include EITHER:	- reel stand and rewind section - web control system - sheeting section - set off / marking prevention system - in-line loading - in-line injection OR - feeder and delivery - sheet pick-up and transport system - transfer systems - set off / marking prevention system

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPPRN262 Produce foil stamped product	ICPPR262C Produce foil stamped product	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICPPRN262 Produce foil stamped product

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Performance Evidence

Evidence of the ability to:

- operate a gold blocking or hot foil stamping machine ensuring an efficient production flow that maintains product quality standards. Any production problems are anticipated and rectified with minimum downtime. The machine is correctly shut down and cleaned according to work health and safety (WHS) guidelines
- demonstrate use of control, monitoring and data entry systems
- demonstrate an ability to find and use information relevant to the task from a variety of information sources
- produce TWO foil stamped products (if possible including at least one in-line process if relevant) according to job specifications and enterprise procedures.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

Maintaining in-feed and delivery of reel or sheet or 3D object transportation section

- identify WHS concerns when operating a transportation system

For reel systems only

- explain why tracking the web is important to position and register
- identify implications if web is not spliced correctly
- list identification used for web splices
- describe precautions to ensure rewound product is of consistent, acceptable quality

For sheet systems only

- explain why sheets are fanned before loading into the press

- describe impact printing double sheets has on the foil stamped product
- list components which, if sheeted, can be adjusted to ensure correct delivery
- explain how printed material below acceptable standard is identified
- describe aspects of loading and ejection that need to be monitored

Maintaining the foil stamping process

- identify major WHS concerns when foil stamping
- describe considerations that contribute to determining the ideal press speed
- explain at what interval the product should be checked for consistency
- identify the cause of non-image areas of the print filling in
- describe remedial action if the edges of the print are jagged
- explain why the use of anti-set off spray is not recommended when foil stamping
- describe how to adjust the machine to correct a shift in image position on the object

Shutdown and cleaning of the press

- identify dangers of solvents and solutions used to clean the press and printing dyes
- describe how dyes should be stored following printing
- list the effect of poorly stored dyes
- identify parts of the machine to be thoroughly cleaned following the print run
- list components to be inspected for wear following the print run
- identify records important for following or repeat prints

Information sources

- locate machine manuals, safety and other documentation relevant to this task and outline information included.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to special purpose tools, equipment and materials.

Assessors must satisfy NVR/AQTF assessor requirements.

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