



Australian Government

ICPPRN2610 Set up for foil stamping

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 and adjust a dye or block as well as a reel or sheet system for gold blocking and hot foil stamping.

It applies to individuals who work under direct supervision and typically prepare material, and monitor and run equipment and machinery.

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. Confirm job specifications	1.1 Identify job requirements 1.2 Carry out set-up of required machinery according to manufacturer specifications 1.3 Confirm availability of all job related components
2. Set up machine	2.1 Select dye or block and check against job ticket 2.2 Lock selected component into chase and confirm required positioning 2.3 Mount chase in press 2.4 Set up and adjust foil transfer system according to image size and job specifications 2.5 Set up and adjust in-line loading and ejection units for basic

ELEMENT	PERFORMANCE CRITERIA
	processes as required according to machine requirements and job specifications 2.6 Set up and adjust delivery systems
3. Select foils	3.1 Select foils according to job specifications and end-user requirements and confirm they meet quality requirements 3.2 Prepare foils according to work health and safety (WHS) requirements, and manufacturer specifications 3.3 Label, handle and store foils according to manufacturer specifications
4. Conduct proof run	4.1 Operate machine according to manufacturer and enterprise procedures to produce a specified proof 4.2 Inspect, and test proof as required according to enterprise procedures 4.3 Seek client approval and authority prior to the production run as required 4.4 Interpret results and make adjustments according to product and machine specifications as required

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 evaluates text to establish job requirements from information contained within relevant systems
Writing	Completes workplace forms
Numeracy	Interprets and analyses a range of mathematical information used in familiar and routine tasks
Self-management	- Complies with regulatory requirements and follows organisational procedures relevant to own role - Identifies roles and responsibilities for task and makes basic decisions on work completion requirements, seeking assistance when required.
Teamwork	Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability

Planning and organising	• Determines priorities and sequences steps involved in clearly defined tasks • Implements actions as per instructions, making slight adjustments if necessary • Plans, identifies and assembles resources required to complete tasks
Technology	• Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

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. It is restricted to essential operating conditions and any other variables essential to the work environment.

Delivery systems must include either:	• reel OR • sheet OR • product jigs
Setting up and adjusting must include either:	• unwind and rewind reels • webbing procedures • splicing/joining reels • printed web viewing devices • folder and sheeter • set off / marking prevention devices OR • feeder and delivery systems • sheet pick-up and transportation system • transfer and control system • set off / marking prevention devices OR • selecting jigs to suit product • fitting jigs to machine table • adjusting table height to suit product

Unit Mapping Information

Supersedes and is equivalent to ICPPRN261 Set up for foil stamping.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for ICPPRN2610 Set up for foil stamping

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- set up for foil stamping on two occasions for different jobs according to manufacturer and job specifications and enterprise procedures.

In the course of the above the candidate must:

- demonstrate the use of control, monitoring and data entry systems
- demonstrate all safety devices on the machine.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- work health and safety (WHS) risks and requirements for setting up delivery systems and preparing foils
- job documentation and production control systems and the information they contain
- checks required prior to and during set up
- printing side and sheet position and how they are determined for the job
- purpose of nip rollers
- required front and side lays and how they are selected
- register checks and their purpose
- process of determining required product jigs
- required table and dye height for the job
- selection criteria for foil required for the job
- various products that require foiling
- the effect of soft packing on the foil stamped product and methods for harder packing
- starting setup temperature and effects if it is too high
- temperature indicators and the process of adjusting temperature
- the effect of dwell time on the foil stamped product

- required pressure level and how it is determined
- causes of an uneven print
- quantity of the foil that should draw through the press on each pass
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- foil stamping machinery
- special purpose tools, equipment and materials.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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