



Australian Government

ICPCBF3820 Produce complex laminated 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 laminated product, to monitor and adjust machinery, maintain transportation of the substrate, identify and rectify faults, and clean and shut down equipment.

It applies to individuals who work under direct supervision with limited responsibility in preparing materials and equipment and resolving issues to produce a finished product.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Converting, Binding and Finishing

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 reel transportation and delivery systems	1.1 Monitor and adjust reel stand and web control system according to work health and safety (WHS) requirements 1.2 Add substrate to and remove substrate from the process according to job specifications 1.3 Monitor and adjust reel rewind and sheeting section
2. Maintain complex laminating process	2.1 Check and adjust registration of laminating 2.2 Monitor and adjust pressures and adhesion
3. Maintain production processes	3.1 Monitor and adjust in-line process(es) 3.2 Use machine controls as required

ELEMENT	PERFORMANCE CRITERIA
	3.3 Monitor and verify performance using the process control system 3.4 Observe and adjust starch performance throughout production run 3.5 Report process adjustments to eliminate problems according to enterprise procedures
4. Identify and rectify machine operating problem	4.1 Identify and report problems in machine operation according to enterprise procedures 4.2 Carry out adjustments or corrections according to specified procedures, and within scope of own role 4.3 Verify repairs and adjustments as required prior to resumption of operations
5. Conduct shutdown of production process	5.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 5.2 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 5.3 Clean and disengage all required parts of machinery used in printing process according to manufacturer specifications and enterprise procedures 5.4 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
Self-management	Identifies and follows all procedures for operation 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
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 ICPCBF382 Produce complex laminated product.

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 ICPCBF3820 Produce complex laminated product

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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:

- produce two complex laminated jobs on different substrates and of different sizes, while demonstrating splicing.

In the course of the above the candidate must:

- operate production process in association with fellow workers and according to enterprise procedures and planned daily schedule
- follow work health and safety (WHS) requirements, manufacturer specifications
- anticipate production difficulties and take preventive action to prevent occurrence.

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:

- WHS risks and requirements for:
 - operating web machine transport and delivery systems
 - maintaining the laminating process
 - maintaining complex in-line processes
 - shutting down the machine
 - cleaning and waste disposal
- areas of the:
 - reel stand to monitor to ensure trouble-free operation
 - web control system to adjust to maintain web tension and positioning
 - delivery system to observe to maintain tension and prevent damage to finished product
 - in-line processes to monitor to ensure a quality product
 - machine requiring regular cleaning
- process for continuous feeding and delivery of substrate

- checks to make when substrate is removed from the machine
- adjustment procedures for the machine and pressure during production
- methods of confirming registration of laminating
- areas of production to monitor to ensure trouble-free operation and adjustments required to meet client requirements
- laminating problems that may occur during operation of the machine
- checks required for machine shutdown
- materials to clean from the machine and required cleaning agents
- requirements to keep the machine clear of surface rust (condensation)
- production records to be kept, and the information to include
- quality aspects to consider in a completed laminated job
- steps to ensure key features of the production control system are followed
- items to check against the client sample
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

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 converting, binding and finishing field of work and include access to:

- special purpose tools, equipment and materials
- laminating machinery.

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

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