



Australian Government

ICPCBF381 Set up machine for complex laminating

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 set up a machine for a range of complex laminating processes including laminating reel to reel, sheet to reel and reel to sheet.

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. Prepare for job	1.1 Job specifications are read and interpreted from job documentation or production control system 1.2 Set-up is planned and carried out correctly in minimum time with minimum wastage
2. Set up reel transportation system	2.1 Unwind reel is set up and adjusted according to job specifications 2.2 Webbing procedures are carried out 2.3 Web control system is set up and adjusted according to job specifications 2.4 Reels are spliced/joined according to job specifications 2.5 Rewind reel is set up and adjusted according to job specifications 2.6 Sheeter is set up and adjusted according to job specifications

ELEMENT	PERFORMANCE CRITERIA
3. Set up machine for complex laminating	3.1 Application system cylinder is set up and adjusted according to job specifications 3.2 Adhesive application system is set up and adjusted according to job specifications 3.3 Binding pressures are set up and adjusted according to job specifications 3.4 Drying system is set up and adjusted according to job specifications
4. Set up in-line unit(s)	4.1 Minor in-line printing/converting/binding unit(s) are set up for basic process(es) and adjusted according to machine requirements and job specifications 4.2 Assistance is given in set-up of major in-line printing/converting/binding unit(s)
5. Conduct sample run	5.1 Raw material to be used for sample is organised correctly 5.2 Machine is set up and operated to produce a specified sample according to work health and safety requirements, manufacturer's specifications and enterprise procedures 5.3 Sample is visually inspected and/or tested or laboratory testing is organised according to enterprise procedures 5.4 Results are interpreted to determine adjustment requirements 5.5 Adjustment changes are carried out according to product and machine specifications

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	1.1, 2.1, 2.3-2.6, 3.1-3.4, 4.1, 5.2, 5.5	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Navigate the world of work	5.2, 5.3	Complies with legislative requirements and follows organisational policies and procedures relevant to own role

Interact with others	4.2	Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability
Get the work done	1.2, 2.1-2.6, 3.1-3.4, 4.1, 5.1-5.5	- Plans and organises familiar tasks - Implements actions as per instructions, making adjustments if necessary - Plans, identifies and assembles resources required to complete tasks - Analyses results to decide on adjustments needed to achieve required outcomes - Follows routine procedures for using digital technology by reading data from electronic monitoring and control systems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPCBF381 Set up machine for complex laminating	ICPCF381C Set up machine for complex laminating	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 ICPCBF381 Set up machine for complex laminating

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Performance Evidence

Evidence of the ability to:

- demonstrate all safety devices on the machine
- correctly set up machine for TWO moisture, chemical and extrusion laminating processes. For each process set up a laminating machine (2 or more ply) to complete TWO jobs on different substrates, of different sizes (large/small formats including one in-line process) while demonstrating splicing techniques in minimum time according to manufacturer's and job specifications, enterprise procedures and listed performance criteria (at least one machine used must be fully automated).

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:

- determine information concerning laminating requirements found in the job documentation or production control system, and how this information can be interpreted to ensure smooth workflow throughout the factory
- describe elements to consider when planning a laminating sample
- identify work health and safety factors for:
 - setting up the laminating machine
 - adjusting the machine, and prior to any readjustments
 - setting the drying system
- identify webbing procedures commonly used in the transportation area
- identify areas to consider when setting up the web control system
- identify problem areas likely to occur when setting up the sheeter
- explain methods of splicing a web on the laminating process
- list checks to make when setting up (and adjusting) the application system cylinder

- list checks to make when setting up (and adjusting) the adhesive application system
- identify factors that determine setting of the binding pressures
- identify the largest/smallest size sheet that can be processed on this machine
- explain how to adapt the machine to facilitate smaller/larger stock
- determine in-line units available for the laminating process
- describe circumstances that require machine adjustment
- explain quality aspects to consider in a completed laminating job, and items to check against the client sample
- list steps to ensure important features of the production control system are addressed
- identify machine manuals, safety and other documentation relevant to this task, where they are kept, and the information included in them.

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 facilities, equipment and materials used for laminating.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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