



Australian Government

ICPCBF3910 Use electronic monitoring systems (converting and finishing)

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 use electronic monitoring systems for glue lines used in the container and carton sector of the industry, and for gatherers and folders used in the binding and finishing sector.

It applies to individuals who perform a range of defined tasks relating to the printing and graphic arts industry, and who may also provide some 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

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. Set up electronic monitoring system	1.1 Set parameters according to job specifications and enterprise procedures 1.2 Position monitoring system 1.3 Position ejection system 1.4 Position marking system
2. Run job and monitor production	2.1 Monitor and adjust glue line registration and glue application according to job specifications 2.2 Identify and rectify stoppages

ELEMENT	PERFORMANCE CRITERIA
	2.3 Monitor and review initial set-up parameters
3. Review production data	3.1 Monitor production rejects and identify causes 3.2 Evaluate data at the end of the product run 3.3 Complete required production records and enterprise documentation

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 interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	Enters routine data associated with production processes according to organisational requirements
Self-management	Identifies and follows all enterprise procedures for operation of equipment
Planning and organising	Determines priorities and sequences steps involved in clearly defined, familiar tasks
Problem solving	Applies analytical processes to identify causes of production problems
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 ICPCBF391 Use electronic monitoring systems (converting and finishing).

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 ICPCBF3910 Use electronic monitoring systems (converting and finishing)

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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 and use electronic monitoring systems for glue lines, gatherers and folders for two different jobs, according to manufacturer and job specifications and enterprise procedures.

In the course of the above the candidate must:

- retrieve information from the electronic system.

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:

- enterprise and manufacturer procedures, and work health and safety (WHS) requirements for:
 - setting up and operating electronic monitoring systems
 - setting up, operating and adjusting the folding/gluing system
- the purpose of distance between cartons on the machine for production and for operation of the electronic monitoring system, and for checking the ejector (or marker)
- different carton types and substrates, and the effect on the amount and position of glue required for different carton types
- common problems that arise, their causes and correction methods, including:
 - too much or little glue
 - incorrectly positioned glue lines, and adjustments with respect to glue flap length
- types of machine faults registered on the electronic monitoring systems (EMS)
- steps to ensure important features of the EMS are followed
- parts of the folding/gluing system that cause monitoring system to reject product
- techniques ensuring the EMS is ejecting and marking only faulty cartons
- machine limits to the number of rejects
- parts of the machine to adjust if reject cartons are not being identified and culled

- faults likely to trigger the signature or sheet monitoring system
- quality principles behind the use of electronic monitoring
- work procedures to implement to minimise faults
- production records to be written up, and the information to be included
- 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. 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
- electronic monitoring systems.

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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