



Australian Government

ICPCBF391 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 1.0.

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.

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 Parameters are set according to job type and specifications and enterprise procedures 1.2 Monitoring system is positioned according to job type and specifications 1.3 Ejection system is positioned according to job type and specifications, where relevant 1.4 Marking system is positioned according to job type and specifications, where relevant 1.5 'Learn' function is started to identify sheets and signatures, where relevant
2. Run job and monitor	2.1 Glue line registration and glue application is monitored to

ELEMENT	PERFORMANCE CRITERIA
production	ensure product conforms to job specifications 2.2 Machine is adjusted if the number of rejects exceeds specified limits 2.3 Reasons for stoppages are identified and corrected 2.4 Initial set-up parameters are monitored and reviewed to ensure smooth production of quality product
3. Review production data	3.1 Production rejects are monitored and causes identified 3.2 Overall data is reviewed at the end of the product run 3.3 Information on production documentation is recorded as required

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	1.1-1.4, 2.1	Recognises and interprets text to establish job requirements from information contained within relevant procedures and specifications
Writing	3.3	Enters routine data associated with production processes according to organisational requirements
Navigate the world of work	1.1, 2.4	Recognises and follows all procedures for operation of equipment, incorporating regulatory requirements and enterprise procedures
Get the work done	1.1-1.5, 2.1-2.4, 3.1, 3.2	- Determines priorities and sequences steps involved in clearly defined, familiar tasks - Applies analytical processes to identify causes of production problems - 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
ICPCBF391 Use electronic monitoring systems (converting and finishing)	ICPCF391C Use electronic monitoring systems (converting and finishing)	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 ICPCBF391 Use electronic monitoring systems (converting and finishing)

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Performance Evidence

Evidence of the ability to:

- correctly set up and use electronic monitoring systems for glue lines, gatherers and folders for TWO different jobs (preferably of different sizes and substrates), according to manufacturer's and job specifications, enterprise procedures and listed performance criteria
- demonstrate an ability to retrieve information from the electronic system.

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:

- explain work health and safety factors for setting up and operating electronic monitoring systems
- explain importance of distance between cartons on the machine for production and for the operation of the electronic monitoring system, as well as checking the ejector (or marker) for correct operation
- explain different carton types and substrates, and the effect on the amount and position of glue required for different carton types
- describe the result of too much or too little glue, and explain the correction process
- describe the result of an incorrectly positioned glue line and explain the process to adjust the position with respect to the length of the glue flap
- determine what machine faults are registered on the EMS
- list parts of the folding/gluing system that cause the monitoring system to reject product
- list ways of ensuring the EMS is ejecting/marking only faulty cartons
- identify parts of the machine to adjust if reject cartons are not correctly identified and culled
- list faults likely to trigger the signature or sheet monitoring system

- identify the cause of common faults and how can they be avoided and corrected
- explain quality principles behind the use of electronic monitoring
- explain work procedures to implement to minimise faults
- identify production records to be kept or written up, and the information to be included
- list steps to ensure important features of the EMS are followed
- 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 with electronic monitoring systems.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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