



Australian Government

ICPCBF3050 Produce single-faced web

Release: 1

ICPCBF3050 Produce single-faced web

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 a single-faced web for corrugated board manufacture, including inspecting and maintaining production quality and identifying and rectifying problems.

It applies to individuals who generally work under direct supervision and perform a range of mainly routine tasks such as maintaining, cleaning and shutting down machinery and equipment.

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. Inspect, sample and adjust quality	1.1 Organise inspection and/or testing of sample 1.2 Inspect and test sample as required according to enterprise procedures 1.3 Interpret results and make adjustments according to product and machine specifications as required
2. Maintain operation of reel transportation system and single facing process	2.1 Review and adjust reel stand and web control system according to work health and safety (WHS) requirements 2.2 Add substrate to the process according to job specifications 2.3 Check and adjust starch, heat and steam delivery systems

ELEMENT	PERFORMANCE CRITERIA
	2.4 Review and adjust corrugating roll and pressure rolls
3. Maintain in-line process(es)	3.1 Monitor and adjust coating and waxing units 3.2 Observe and adjust slitters and cut-off knife
4. Maintain production process	4.1 Use machine controls as required 4.2 Monitor and verify performance using the process control system 4.3 Review and adjust starch performance throughout production run 4.4 Conduct quality checks on a regular basis and adjust as required 4.5 Report process adjustments to eliminate problems according to enterprise procedures
5. Identify and rectify problems	5.1 Identify and report problems in machine operation according to enterprise procedures 5.2 Carry out adjustments or corrections according to specified procedures, and within scope of own role 5.3 Verify repairs and adjustments as required prior to resumption of operations
6. Conduct shutdown of production process	6.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures 6.2 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures 6.3 Clean and disengage all required parts of machinery used in printing process 6.4 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
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Writing	Record problems and document other information according to enterprise procedures
Self-management	Complies with regulatory requirements and follows enterprise procedures relevant to own role
Teamwork	- Cooperates with others as part of familiar routine activities, and contributes to specific activities requiring joint responsibility and accountability - Follows accepted practices and protocols for reporting issues to supervisors
Planning and organising	- Sequences and schedules activities required to complete tasks and monitors implementation making adjustments as necessary - Plans, identifies and assembles resources required to complete tasks
Problem solving	Identifies and anticipates an increasing range of familiar problems, 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 ICPCBF305 Produce single-faced web.

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 ICPCBF3050 Produce single-faced web

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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:

- perform at least two runs on the single-facer to produce two different types of single-faced web for corrugated board manufacture.

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 and enterprise procedures
- 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:
 - setting up and operating machines and transport systems
 - machine shutdown
 - washing machinery
 - handling waste
- the principle support systems on line to the corrugating machine and procedures for controlling and monitoring them
- sections of the single-facer requiring continuous observation operational problems during the run
- manufacturer specifications for machinery
- optimum machine speeds during production
- common product faults during production runs and correction methods

- procedures for monitoring and adjusting settings during the run at every step of the process
- product factors which can be manually monitored, and adjustment methods to resolve problems found by staff operating end stages of the corrugator machine
- single-facer wash-up and shutdown procedures
- functions of the single-facer that must be attended to if it is idle for two or more days
- Environmental Protection Authority (EPA) regulations and procedures
- 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:

- special purpose tools, equipment and materials
- in-line corrugating machine.
- 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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