



Australian Government

ICPCBF2140 Set up single-faced web

Release: 1

ICPCBF2140 Set up 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 set up a single-faced web for corrugated board manufacture involving the reel in-feed, splicer, pre-conditioner, pre-heater, single facer, curing, coating and/or waxing sections of a corrugator.

It applies to individuals in the printing and graphic arts industry who set up a single-faced web for corrugated board manufacture to meet production requirements. They generally work under direct supervision.

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 set up	1.1 Interpret and confirm job specifications from job documentation and process control system according to enterprise procedures 1.2 Identify and undertake machine set-up according to manufacturer specifications 1.3 Estimate, check and order paper and board quantity requirements
2. Set up reel transportation system	2.1 Set up and adjust unwind reel according to job specifications 2.2 Carry out webbing procedures according to machinery

ELEMENT	PERFORMANCE CRITERIA
	requirements 2.3 Set up and adjust web control system 2.4 Splice and join reels
3. Set up machine for single facing	3.1 Set up and adjust steam delivery system according to requirements for corrugating processes 3.2 Set corrugating rolls and pressure roll to pressure required 3.3 Prepare and adjust starch delivery system 3.4 Prepare and adjust heat delivery system
4. Set up in-line units	4.1 Set up and adjust wax units to suit corrugating process 4.2 Prepare and adjust coating units 4.3 Establish and adjust slitters 4.4 Set up and adjust cut-off knife according to work health and safety (WHS) requirements
5. Inspect and adjust quality	5.1 Organise and oversee required inspection and testing of sample according to enterprise procedures 5.2 Inspect and test sample 5.3 Interpret results to determine adjustment requirements 5.4 Carry out adjustment changes 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	Description
Reading	Identifies and interprets text to confirm work requirements from information contained within relevant specifications or systems
Numeracy	Uses mathematical processes to estimate and check quantities
Self-management	- Identifies and follows organisational procedures relevant to own role - Uses analytical processes to interpret relevant information and make decisions directly related to tasks

Planning and organising	- Sequences and schedules activities required for tasks and monitors implementation, making adjustments as necessary - Plans, identifies and assembles resources required to complete tasks
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 ICPCBF214 Set up 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 ICPCBF2140 Set up 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:

- set up reel in-feed, splicer, pre-conditioner, pre-heater, single facer, curing, coating and waxing sections of a corrugator for at least two different product runs, according to manufacturer and job specifications and enterprise procedures.

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:

- manufacturer specifications enterprise procedures and work health and safety (WHS) requirements for running a corrugator
- different types of rolled paperboard and the end products made from each
- principal components of a typical, single-face corrugated board adhesive and the effectiveness of this adhesive
- main tools and equipment items required for handling of paperboard rolls in the corrugation in-feed section
- the criteria to confirm that required settings have been applied at each step of the process
- product factors monitored automatically during production and the steps in the monitoring function
- preparation required prior to setting up a sewing machine
- steps required to set roll pressures, adjust a steam delivery system and calibrate equipment
- 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:

- in-line corrugating machinery.

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

Links

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