



Australian Government

Assessment Requirements for ICPCBF425 Set up machine for complex flat-bed die cutting or embossing

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.

Performance Evidence

Evidence of the ability to:

- demonstrate all safety devices on the flat-bed die cutting or embossing machine
- correctly set up TWO jobs (using either flat-bed die cutting OR embossing machine) changing type and size of substrates and design of finished patterns according to manufacturer's specifications, job timeframes, enterprise procedures and health and safety requirements, and incorporating a sample run to inspect and amend output.

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:

Documentation and information

- identify the factors that must be considered when deciding on a cutting system
- identify the methods for registering and proofing the cutting devices

Mounting and installing flatbed devices

- explain what needs to be checked when the cutting devices are secured to the machine
- identify what criteria applies for determining the selection of particular cutting devices

Delivery systems

- describe areas of the delivery system to observe to maintain neat delivery of finished work
- describe areas of the delivery system to observe to prevent damage to finished product
- list ways the finished product can be secured for dispatch

For Reel System Only

- explain work health and safety (WHS) requirements for setting up reel transportation systems
- explain what adjustments to the unwind reel may be needed to suit various jobs
- identify important areas to consider during webbing procedures
- list and explain adjustments available to the web, and what to check when splicing/joining the web
- explain areas of the reel delivery system that may need adjustment according to job specifications
- explain when it would be necessary to adjust the:
 - sheeter during production
 - folder during production
 - rewind wheel during production
- list areas to check to ensure suitability of in-line processes

For Sheet System Only

- explain information concerning flat-bed die cutting or embossing found in the job documentation or production control system, and how this information is interpreted to ensure smooth workflow throughout the factory
- explain WHS requirements for setting up and/or operating sheet transport and delivery systems
- list important areas of the feeder unit set up
- explain adjustments to facilitate accurate sheet pick-up and transportation
- describe steps to ensure the delivery system operates effectively
- list common faults with the flat-bed cutting process

Setting up machines for complex flatbed die cutting or embossing

- explain WHS requirements for setting up cutting devices
- explain what to check when setting up, adjusting and operating flat-bed cutting devices
- explain how machine pressure and machine cutting depths are determined

In-line processes

- explain when it is necessary to adjust in-line units
- identify the largest/smallest size sheet that can be processed on this machine

Checking and adjustment

- identify details of the completed sample to check to ensure conformance with client requirements
- explain product testing procedures available and how often they should be used
- identify factors that indicate a need for replacement of knives/blades/cutting edges
- describe the process for storing cutting edges to guard against damage and deterioration
- identify machine manuals, safety and other documentation relevant to this task, where are they 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:

- flatbed die cut and embossing equipment
- special purpose tools, equipment and materials.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>