



Australian Government

**Assessment Requirements for ICPCBF327
Set up machine for complex rotary 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:

- correctly set up machine for EITHER rotary die cutting OR embossing; for either process, set up TWO complex jobs (including in-line processes) with different substrates, sizes and patterns according to manufacturer's and job specifications, enterprise procedures and listed performance criteria, within the production timeframe
- demonstrate all safety devices on the machine.

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:

- identify work health and safety factors that must be considered when either:
 - setting up and/or operating sheet transport and delivery systems
 - setting up and adjusting rotary cutting devices

OR

- setting up reel delivery systems
- determine information concerning rotary die cutting or embossing found in the job documentation or production control system, and interpret this information to ensure smooth workflow throughout the factory
- determine factors to consider when deciding on a cutting system
- explain checks for when cutting devices are mounted on a cylinder
- identify methods used for registering and proofing cutting devices
- explain checks for when cutting devices are attached to the machine
- list criteria that determines selection of particular cutting devices
- list steps to ensure the delivery system operates effectively

- identify important areas or sections of the feeder unit set up
- identify areas of the delivery system to observe to maintain neat delivery of finished work and prevent damage to the finished product
- list necessary checks when substrate is removed from the machine
- list ways the finished product can be secured for despatch
- explain machine pressure and machine cutting depths
- explain adjusting lays for registration, what to check, and when it is done
- identify problems that occur if counter knives/anvils are incorrectly set
- determine the largest/smallest size sheet that can be processed on this machine
- list necessary checks to ensure suitability of in-line process
- determine details of the completed sample to examine to ensure conformance with the client requirements
- list common faults that can occur with the rotary cutting process
- determine factors that indicate a need for replacement of knives/blades/cutting edges
- explain how cutting edges and counter knives (anvils) should be stored to guard against damage and deterioration
- identify machine manuals, safety and other documentation relevant to this task, where they are kept, and the information included in them

For Reel Systems Only

- list adjustments required to the:
 - unwind reel to suit various jobs
 - sheeter during production
 - folder during production
 - rewind wheel during production
- identify important areas to consider during webbing procedures
- determine important areas of the reel delivery system to adjust according to job specifications

For Sheet Systems Only

- list adjustments:
 - required to the sheeter during production
 - that can be made to the machine to facilitate accurate sheet pick-up and transportation.

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 relevant facilities, equipment and materials.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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