



Australian Government

Assessment Requirements for ICPPRN3140 Produce complex flexographic printed product

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 4.0.

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:

- monitor production output and make necessary adjustments to obtain required print quality on a flexographic machine while producing a complex print on two occasions, using different substrates.

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
- demonstrate use of control, monitoring and data entry systems
- 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:

- enterprise procedures and manufacturer specifications, and WHS requirements associated with flexographic printing processes, including:
 - rewinding and resheeting
 - the handling of inks and materials
 - the cleaning of sections of the machine
 - safety features within the organisation
- tension and positioning requirements for web control systems
- reel transportation and web control processes and common faults that may arise
- in-line processes and common problem areas and faults that may arise
- different types of reel-stands and their uses
- reel delivery processes and common faults that may arise

- ink issues in printing and methods of management
- drying process and the effect of temperature on the finished product
- unique properties and issues of ultraviolet (UV) ink
- substrate handling and issues that may arise at any point in the job production process
- machine guards and micro switches, their function, and the legal responsibility for their maintenance
- checks and solutions for issues in the production process
- criteria for assessing print quality
- workplace and client communication protocols
- procedures for sorting, discarding and reusing waste
- organisation labelling standards
- machine shutdown procedures
- use and storage of production records and the printed job
- use and storage of plates
- parts of flexographic machinery that are required to be cleaned after each run and the process for cleaning, including:
 - cylinders, sleeves, plate and roller surfaces
 - inking rollers, doctor blades and chamber blade systems
 - ink pumps, tanks and hoses
 - impression rollers, central impression and press rollers
 - in-line printing, converting, binding and finishing units
 - reel feed, transportation and delivery systems
- 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
- standard inks and substrates
- flexographic printing machines.

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

Links

Companion Volume Implementation Guide is found on VETNet -

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