



**Australian Government**

# **ICPPRN4140 Produce specialised flexographic printed product**

**Release: 1**

# ICPPRN4140 Produce specialised flexographic printed product

## 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 specialised flexographic printing that needs a certain amount of problem-solving and experimentation with the substrate and press settings.

It applies to skilled individuals working as print machinists in the printing and graphic arts industry who prepare material, set up, monitor, operate and clean equipment and machinery, problem-solve, analyse and evaluate information from a variety of sources. They may also provide leadership and guidance to others with some limited responsibility for the output of others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Unit Sector

Printing

## 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. Maintain specialised flexographic printing process | 1.1 Evaluate and adjust flexographic plate and plate cylinder or sleeve condition<br>1.2 Evaluate and adjust flexographic impression roller condition<br>1.3 Monitor, evaluate and adjust flexographic inking system, doctor blade and drying systems |
| 2. Maintain specialised production process            | 2.1 Use machine controls according to job specifications<br>2.2 Monitor, adjust and verify performance is using the process                                                                                                                           |

| ELEMENT                                         | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 | control system according to enterprise procedures<br>2.3 Observe, evaluate and adjust ink performance, colour, register and position of print throughout production run                                                                                                                                                                                                                                                                                                                          |
| 3. Tune and adjust machinery                    | 3.1 Review idiosyncrasies of machines make adjustments or undertake tuning to compensate, or exploit the idiosyncrasy, within manufacturer specifications<br>3.2 Evaluate options to determine method of production<br>3.3 Conduct test run and confirm options and settings meet quality requirements<br>3.4 Document options and recommendations according to enterprise procedures<br>3.5 Provide instruction on new practices to machine operator or finisher, as required                   |
| 4. Troubleshoot machinery and material problems | 4.1 Recommend and implement corrective and preventive action as required<br>4.2 Communicate changes to designated personnel<br>4.3 Monitor changes and confirm improvement to production efficiency<br>4.4 Report ongoing problems according to enterprise procedures                                                                                                                                                                                                                            |
| 5. Conduct shutdown of production process       | 5.1 Follow shutdown sequence according to manufacturer specifications and enterprise procedures<br>5.2 Remove solid and liquid waste from operating area and recycle and dispose of, as required, according to regulatory requirements and enterprise procedures<br>5.3 Clean and disengage all required parts of machinery used in printing process according to manufacturer specifications and enterprise procedures<br>5.4 Complete required production records and enterprise documentation |

## Foundation Skills

*This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.*

| Skill | Description |
|-------|-------------|
|-------|-------------|

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Writing                 | <ul style="list-style-type: none"><li>• Completes records, forms and other documents and according to workplace requirements</li></ul>                                                                                                                                                                                    |
| Self-management         | <ul style="list-style-type: none"><li>• Complies with enterprise procedures relevant to own role</li></ul>                                                                                                                                                                                                                |
| Teamwork                | <ul style="list-style-type: none"><li>• Collaborates and cooperates with others to achieve joint outcomes</li><li>• Contributes to workgroup discussions using accepted conventions</li></ul>                                                                                                                             |
| Planning and organising | <ul style="list-style-type: none"><li>• Determines priorities and sequences steps involved in clearly defined, familiar tasks and identifies and assembles required resources</li><li>• Makes rapid decisions when required, drawing on in-depth understanding of a situation and experience of decision-making</li></ul> |
| Problem solving         | <ul style="list-style-type: none"><li>• Responds to predictable problems and implements standard or logical solutions related to role in the immediate work environment</li></ul>                                                                                                                                         |
| Technology              | <ul style="list-style-type: none"><li>• Reads data from electronic monitoring and control systems</li></ul>                                                                                                                                                                                                               |

## Unit Mapping Information

Supersedes and is equivalent to ICPPRN414 Produce specialised flexographic printed product.

## Links

Companion Volume Implementation Guide is found on VETNet -

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