



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **ICPPP370C Produce multiple image plates**

**Revision Number: 1**

## ICPPP370C Produce multiple image plates

### Modification History

Not applicable.

### Unit Descriptor

|                        |                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit descriptor</b> | This unit describes the performance outcomes, skills and knowledge required to make plates for any printing process with repeated images from film inputs. |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Application of the Unit

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Application of the unit</b> | This unit requires the individual to make plates with repeated images from film input. |
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### Licensing/Regulatory Information

Not applicable.

### Pre-Requisites

|                           |  |  |
|---------------------------|--|--|
| <b>Prerequisite units</b> |  |  |
|                           |  |  |
|                           |  |  |

### Employability Skills Information

|                             |                                          |
|-----------------------------|------------------------------------------|
| <b>Employability skills</b> | This unit contains employability skills. |
|-----------------------------|------------------------------------------|

## Elements and Performance Criteria Pre-Content

|                                                                   |                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes of a unit of competency. | Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide. |
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## Elements and Performance Criteria

| ELEMENT                           | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Produce step and repeat layout | <ul style="list-style-type: none"><li>1.1. Client information is gathered to enable step and repeat layout</li><li>1.2. A layout is produced according to client information</li><li>1.3. Data is stored for future retrieval using industry software package</li><li>1.4. A register of stock levels is maintained and advice about the depletion of stock is recorded according to enterprise procedures</li></ul> |
| 2. Set up step and repeat machine | <ul style="list-style-type: none"><li>2.1. The film is mounted squarely to produce an accurate image</li><li>2.2. Accurate masks are cut for image protection/bleeds</li><li>2.3. Mounting foils are positioned in a chase to ensure a quality <b>output</b></li><li>2.4. The film or plate is punched, loaded, exposed and processed according to job specifications</li></ul>                                      |

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

- OHS in relation to operating machinery such as safely switching off machinery before cleaning is started
- communication of ideas and information by obtaining client information
- collecting, analysing and organising information by matching the job brief with production requirements
- planning and organising activities by planning the sequence of operations to ensure efficient processing
- teamwork when maintaining the production process in association with others
- mathematical ideas and techniques by calculating exposures, chemical formulations and positioning of film
- problem-solving skills by identifying plate faults and correcting
- use of technology by using equipment is correctly to ensure ease of subsequent processing

#### Required knowledge

- relationship between the image of the original and the final substrate
- calculation required to produce the final layout
- correct operation of the step and repeat machine
- steps that are necessary to ensure safe operation
- calculations using x and y coordinates that are needed to be completed to produce the layout rough
- OHS concerns that are there when processing printing plates
- prepare and use a mask to suit the job
- procedures that are employed to ensure correct registration and accuracy/repeatability of exposure
- manuals, safety and other documentation that are relevant to this task and where are they kept
- information that is included in these documents

## Evidence Guide

### EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

#### Overview of assessment

#### Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the ability to:

- the film or plate is punched, loaded, exposed and processed according to job specifications
- the underlying skills of step and repeat should be transferable across different pre-press systems and printing processes. It is important that the substrate for reproduction is identified and that the quality of the photographic image be suitable for the identified printing processes
- demonstrate an ability to find and use information relevant to the task from a variety of information sources
- prepare and set up at least TWO step and repeat layouts for production of multiple repeated images according to the listed Performance Criteria.

#### Context of and specific resources for assessment

Assessment must ensure:

- assessment may take place on the job, off the job or a combination of both. Off the job assessment must be undertaken in a closely simulated workplace environment
- it is expected that special purpose tools, equipment and industry software packages will be used where appropriate.

#### Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.

#### Guidance information for assessment

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.

## Range Statement

| RANGE STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included. |                                                                                                                                 |
| <b><i>Output</i></b> may include:                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>dedicated step and repeat machine either manual or electronically driven.</li> </ul>     |
| <b><i>Input</i></b> may include:                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>a variety of images to be assembled in multiples repeated in a single layout.</li> </ul> |
| <b><i>Capture</i></b> may include:                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>a variety of devices electronically or manually operated.</li> </ul>                     |
| <b><i>Manipulation/edit</i></b> may include:                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>appropriate software and/or masking methods.</li> </ul>                                  |
| <b><i>Quality standards</i></b> may include:                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>should meet client requirements and enterprise and industry standards.</li> </ul>        |

## Unit Sector(s)

|             |  |
|-------------|--|
| Unit sector |  |
|-------------|--|

## Competency field

|                  |           |
|------------------|-----------|
| Competency field | Pre-press |
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## Co-requisite units

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| Co-requisite units |  |  |
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