



**Australian Government**

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

# **ICPCF311C Prepare for cutting forme and stripper making**

**Revision Number: 1**

## ICPCF311C Prepare for cutting forme and stripper making

### Modification History

Not applicable.

### Unit Descriptor

<b>Unit descriptor</b>	This unit describes the performance outcomes, skills and knowledge required to prepare for making cutting formes and strippers.
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### Application of the Unit

<b>Application of the unit</b>	This unit covers preparation for making cutting formes and strippers.
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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.
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## 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. Prepare for die and stripper making	<p>1.1. Die and stripper making requirements are identified and selected from die drawing or inspection</p> <p>1.2. Availability of all job related components is checked</p> <p>1.3. Materials chosen are appropriate for cutting forme design and the machine cutting forme/stripper is to be used on</p>
2. Prepare materials	<p>2.1. Cutting forme/stripper making materials are assessed and cut to size</p> <p>2.2. Cutting forme/stripper making materials are correct size for production requirements</p> <p>2.3. Stripper backing material is correct size for production requirements</p> <p>2.4. Product design is drawn onto cutting forme blank to match cutting forme design</p> <p>2.5. Drawing is in register on cutting forme blank</p> <p>2.6. Drawing is in register on stripper backing material</p>
3. Prepare lay down sheet and cutting forme tracing	<p>3.1. Lay down sheet and cutting forme tracing are glued correctly onto cutting forme blank</p> <p>3.2. Lay down sheet is in register on cutting forme blank</p> <p>3.3. Cutting forme tracing matches product design</p>
4. Design location of bridges, stripping rule and mounting holes	<p>4.1. Cutting forme maintains required strength</p> <p>4.2. Waste is cut to suit waste extraction system</p> <p>4.3. Mounting holes register with holes in cutting forme blank</p>

## 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 skills when interpreting the drawings and transferring the design onto the cutting forme blank, and when identifying die and stripper making requirements from the drawing
- planning and organising by identifying resource requirements and choosing materials relevant to the task
- teamwork when preparing cutting formes and strippers in a workplace context
- using technology by gluing the lay down sheet tracing onto cutting forme blank
- problem solving by cutting waste to suit the waste extraction system

#### Required knowledge

- special requirements that may be identified from planner's drawings
- OHS factors that must be considered when cutting materials
- names of the substrates commonly cut by these cutting formes
- affect of different substrates on forme setting
- determining the size of the stripper backer material
- care that should be taken when drawing design onto blank
- assuring registration when drawing design onto blank
- correct registration achievement when gluing and laying down the cutting forme tracing onto the cutting forme blank
- factors that determine the thickness of the stripping rule
- factors that determine the position and number of the bridges
- factors that determine the position and number of the mounting holes
- machine manuals, safety and other documentation that are relevant to this task and where they are kept and information that is included in these documents

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
<p>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.</p>	
<b>Overview of assessment</b>	
<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b>	<p>Evidence of the following is essential:</p> <ul style="list-style-type: none"> <li>• prepare materials for cutting formes according to job specifications and within the production timeframe</li> <li>• demonstrate an ability to find and use information relevant to the task from a variety of information sources</li> <li>• prepare materials for TWO cutting formes (ONE large ONE small) to accommodate TWO differing typically used substrates using all of the relevant processes according to manufacturer's and job specifications, enterprise procedures and the listed Performance Criteria</li> <li>• evidence for assessment may be gathered from assessment of the unit of competency alone or through an integrated assessment activity.</li> </ul>
<b>Context of and specific resources for assessment</b>	<p>Assessment must ensure:</p> <ul style="list-style-type: none"> <li>• assessment may take place on the job, off the job or a combination of these</li> <li>• off the job assessment must be undertaken in a closely simulated workplace environment.</li> </ul>
<b>Method of assessment</b>	<p>A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:</p> <ul style="list-style-type: none"> <li>• direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.</li> </ul>
<b>Guidance information for assessment</b>	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:</p> <ul style="list-style-type: none"> <li>• ICPCF312C Set cutting forme and strippers.</li> </ul>

## Range Statement

<b>RANGE STATEMENT</b>	
<p>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.</p>	
<i>Complexity of process</i> may include:	<ul style="list-style-type: none"> <li>varied cutting formes according to manufacturer's differentiations.</li> </ul>
<i>Degree of autonomy</i> may include:	<ul style="list-style-type: none"> <li>initiative and judgment are demonstrated.</li> </ul>
<i>Enterprise procedures</i> may include:	<ul style="list-style-type: none"> <li>range of enterprise procedures within defined work area.</li> </ul>
<i>Quality processes</i> and standards may include:	<ul style="list-style-type: none"> <li>should meet client requirements and enterprise and industry standards.</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	
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## Competency field

<b>Competency field</b>	Converting, Binding and Finishing
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## Co-requisite units

<b>Co-requisite units</b>	