

**Specification of Competency Standards**  
**for the Manufacturing Technology Industry**  
**Unit of Competency**

Functional Area - Product Manufacturing

Title	Operate metal stamping equipment for production
Code	106375L2
Range	This unit of competency is applicable to the production department of metal stamping products manufacturing corporations. Practitioners should be capable to understand the relevant knowledge of stamping equipment operations, so as to carry out all kinds of stamping processing procedures.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the relevant knowledge of stamping equipment operations and stamping processing</p> <ul style="list-style-type: none"> <li>• Understand the commonly used types of sheet metal, such as SPHC, SPCC, SECC, SGCC, copper, aluminium, stainless steel, silicon steel</li> <li>• Understand the types, structures, principles, specifications, applications and operation methods of stamping equipment and other relevant equipment</li> <li>• Understand processing methods and skills of all kinds of stamping procedures</li> <li>• Know all kinds of common defects of sheet metal stamping processing, including: burrs, scratches, burns, bending and rebound, deformation, wrinkles, burst, material shortage and orange peel structure etc</li> </ul> <p>2. Carry out all kinds of stamping processing</p> <ul style="list-style-type: none"> <li>• Identify the specifications of sheet metal materials correctly</li> <li>• Use each device of stamping equipment correctly, such as safety and control devices</li> <li>• Follow guidelines to carry out stamping processing</li> <li>• Identify if tooling are correctly installed</li> <li>• Report the problems occurred during stamping processing to supervisor</li> <li>• Carry out simple repair for products after stamping processing, such as deburring.</li> <li>• Carry out simple preventive maintenance for stamping equipment under supervision.</li> </ul> <p>3. Professional handling of carrying out all kinds of stamping processing</p> <ul style="list-style-type: none"> <li>• Follow safety guidelines and relevant regulations, and follow guidelines to operate stamping equipment and carry out sheet metal stamping processing</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Capable to follow guidelines to operate stamping equipment and all kinds of stamping processing</li> <li>• Capable to report the problems occurred during stamping processing to supervisor</li> </ul>
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