

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

Functional Area - Process Design and Development

Title	Installation, commissioning and preventive maintenance of all kinds of manufacturing machinery and auxiliary equipment
Code	106395L3
Range	This unit of competency is applicable to corporations of Manufacturing Technology Industry. Practitioners should be capable to install, adjust and test, as well as preventatively maintain all kinds of manufacturing machinery and auxiliary equipment in accordance with the production requirements of corporations.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand relevant knowledge of all kinds of manufacturing machinery and auxiliary equipment</p> <ul style="list-style-type: none"> • Understand the conditions of all kinds of manufacturing machinery and auxiliary equipment. • Understand relevant procedure, skills and methods of installation, commissioning and preventive maintenance of all kinds of manufacturing machinery and auxiliary equipment. <p>2. Install, commission and test, as well as preventatively maintain all kinds of manufacturing machinery and commissioning and preventive maintenance of all kinds of manufacturing machinery and auxiliary equipment</p> <ul style="list-style-type: none"> • According to the design/ working drawing, Install, adjust and test all kinds of manufacturing machines and surrounding equipment. / • According to preventive maintenance plan, carry out all kinds of preventive maintenance for the production equipment in the corporation • Confirm the condition of equipment is normal before production, so as to minimize the probability of faults • According to production requirements of the corporation, carry out simple improvement for existing manufacturing machinery and auxiliary equipment // <p>3. Professional handling of installation, commissioning and preventive maintenance of all kinds of manufacturing machinery and auxiliary equipment</p> <ul style="list-style-type: none"> • Ensure the operations of manufacturing machinery and auxiliary equipment is normal and match production requirements. • Follow safety guidelines and relevant regulations, install, adjust and test, as well as preventatively maintain all kinds of manufacturing machinery and auxiliary equipment.
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable to install, commission and test all kinds of manufacturing machinery and auxiliary equipment in accordance with the design/ working drawing. / • Capable carry out all kinds of preventive maintenance for the production equipment in the corporation in accordance with preventive maintenance plan. • Capable to ensure the operations of manufacturing machinery and auxiliary equipment are normal and match production requirements.
Remark	