

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

Functional Area - Product Manufacturing

Title	Implement shopfloor management
Code	106458L4
Range	This unit of competency is applicable to the corporation of Manufacturing Technologies Industries. Practitioners should be capable to follow the relevant legislation of occupational safety and environmental protection, implement manufacturing shopfloor management
Level	4
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the knowledge and occupational safety of manufacturing shopfloor management</p> <ul style="list-style-type: none"> • Understand the corporate management system • Understand foundation manufacturing technologies • Understand production management, such as the production of materials management, quality control, production time management and production efficiency • Understand the relevant legal compliance of the occupational safety and environmental protection • Understand the factory equipment maintenance methods • Understand the using methods of fixtures • Understand the application of semi-automatic and fully automatic manufacturing technology equipment in shopfloor • Understand the concept and implementation of systematic maintenance methods, such as Total Productive Maintenance (TPM) <p>2. Manage shopfloor</p> <ul style="list-style-type: none"> • Carry out daily operations management of manufacturing shopfloor and factory • According to the legislation, design the workflow and provide a safe working environment etc • Carry out Manufacturing production plans, set up department production quantity, cost, quality and time requirements of delivery, such as Master Production Schedule and Material Requirements Planning • Solve the unconventional issues appear in department's operations • Set up appropriate guidelines of manufacturing equipment operations and treatment of chemicals and heat, so as to avoid accidents <p>3. Professional handling of shopfloor management</p> <ul style="list-style-type: none"> • Follow the Safety Guidelines of "Occupational Safety and Health Regulations", manage shopfloor/ workshop
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Capable to apply knowledge of production management, follow the relevant legislation of occupational safety and environmental protection, manage shopfloor and improve production efficiency
Remark	