

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

Functional Area - Product Manufacturing

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| Title | Implement occupational safety and health evaluation |
| Code | 106461L4 |
| Range | This unit of competency is applicable to the working location of the Manufacturing Technologies Industries. Practitioners should be capable to effectively evaluate the relevant potential risks and hazards of occupational safety and health during business operations and production processes |
| Level | 4 |
| Credit | 3 (For Reference Only) |
| Competency | <p>Performance Requirements</p> <p>1. Understand relevant knowledge of occupational safety and health evaluation</p> <ul style="list-style-type: none"> • Understand the corporate risk management strategy • Understand the potential danger of all kinds of manufacturing processes and operations • Understand the basic steps and methods of the risk assessment of occupational safety and health • Understand the potential risks of occupational safety and health in the workplace, and the relevant risks of different grades of staff from • Understand the standards and regulations of occupational health and safety, such as OHSAS 18001 Factory & Industrial Undertaking, FIU Occupational Safety and Health Ordinance, codes of practice of safety practices <p>2. Implement occupational safety and health evaluation</p> <ul style="list-style-type: none"> • Examine whether the work environment meets the relevant requirements of occupational safety and health, such as a first aid kit must be equipped in workplace when the number of employees is more than 50, and at least one person knows first aid knowledge • The classify all kinds of processes and environment, and collect relevant information, such as the characteristics and handling methods of the production of chemicals, the characteristics and precautions of office and production equipment • Evaluate the consequences in according with the probability of potential incidence of harmful ways and the degree of injury • Evaluate the current method of risk control, the causes and the consequences of its failure and propose solutions to improve or remedy • Based on the evaluation, take effective measures to eliminate or reduce the relevant potential hazards • Examine the guidelines of all work process and operation, appropriately add elements of occupational safety and health • Implement at and supervise the actual implementation of safety guidelines, and carry out regular review • Carry out occupational safety promotion, education and training, so that other staff know the results of the risk assessment and preventive measures established by the corporation • Set the safety management and incident records, review and improve the security mechanism <p>3. Professional handling of implementing occupational safety and health evaluation</p> <ul style="list-style-type: none"> • When implement the occupational safety and health evaluation, the overall interests of the corporation, customers and business partners must be taken into account |
| Assessment Criteria | The integrated outcome requirements of this unit of competency are: |

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| | <ul style="list-style-type: none">• Capable to effectively analyse the potential risks of occupational safety and health in accordance with all kinds of operational and production processes, sites and other equipment• Capable to carry out comprehensive risk assessment of occupational safety and health and take effective measures to eliminate or reduce the relevant potential hazards |
| Remark | |