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| 1. Title | Formulate fire service installation plan and instructions | |
| 2. Code | EMFSIN501A | |
| 3. Range | Analyze various types of fire service installations and equipment and formulate fire service installation plan and instructions according to the installation contract requirements; lead the technical staff to perform fire service installation tasks. | |
| 4. Level | 5 | |
| 5. Credit | 9 | |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Requirements for fire system and equipment installation</p> <ul style="list-style-type: none"> ◆ Understand the content and requirements of installation contracts for various types of fire systems and equipment, including general specifications and particular specifications of contract, relevant international standards, project schedule, details of work process, contract details, relevant drawings, etc. ◆ Master the installation procedures and methods for various types of fire systems and equipment <p>6.2 Formulate fire system and equipment installation plan and instructions</p> <ul style="list-style-type: none"> ◆ Analyze, reorganize, evaluate and synthesize a wide range of information in order to formulate the fire system and equipment installation plan and instructions <ul style="list-style-type: none"> • Installation schedule • Formulate installation procedures and methods for the fire system and equipment according to client's tender provisions, contract details, drawings, etc. • Formulate documents of fire system and equipment installation instructions • Lead the technical staff to perform fire service installation tasks • Select materials conforming to the technical requirements for installation and prepare relevant instruments • Set rules for the material storage in the work site • Introduce advanced installation techniques and equipment, and formulate training schemes for relevant installation staff <p>6.3 Professionalism in fire service installation planning</p> <ul style="list-style-type: none"> ◆ Undertake the formulation of fire service installation plans and instructions according to contract requirements and codes of practice | |

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| 7. Assessment Criteria | The integrated outcome requirement of this unit of competency is: (i) Capable to analyze, reorganize, evaluate and synthesize information related to fire service installation; lead the technical staff to perform fire service installation tasks; and formulate the fire service installation plan and instructions in varied situations/environments according to contract requirements. |
| 8. Remarks | The credit value of this unit of competency is set on the presumption that the person already possesses knowledge of installing various types of fire systems. |