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| 1. Title | Apply basic water supply system installation testing instruments |
| 2. Code | EMPDIT204A |
| 3. Range | Apply basic testing instruments to inspect and test water supply system installations at installation or repair sites. |
| 4. Level | 2 |
| 5. Credits | 4 |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Basic knowledge of water supply system installation testing instruments</p> <ul style="list-style-type: none"> ◆ Understand the types, applications, uses and basic principles of basic water supply system installation testing instruments and tools <ul style="list-style-type: none"> • Pressure gauge • Flow meter • Noise meter • Pressure test pump ◆ Understand calibration requirements of local regulations and international standards on all kinds of testing instruments <p>6.2 Procedures and application of basic water supply system installation testing instruments</p> <ul style="list-style-type: none"> ◆ Master basic operation of water supply system installation testing instruments ◆ Select, inspect and maintain testing and measuring instruments correctly ◆ Apply various testing instruments and tools to inspect and test water supply system installations |
| 7. Assessment Criteria | <p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to follow the code of practice of the trade to apply various testing instruments and tools correctly to inspect and test water supply system installations safely.</p> |
| 8. Remarks | This unit of competency is applicable to practitioners of water supply system installation, repair and commissioning in general. |