

1. Title	Install escalator pit plumbing tools
2. Code	EMLEIN310A
3. Range	Arrange and implement the installation of escalator pit plumbing tools at construction sites.
4. Level	3
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Construction and working principles of escalator pit plumbing tools and the relationship with mechanical equipment installation drawings</p> <ul style="list-style-type: none"> ◆ Understand the names and quantity of escalator pit plumbing tool components including: <ul style="list-style-type: none"> • plumbing tools supporter at driving station x one set • plumbing lines x 4 pieces • weights x 4 • plumbing tools supporter at return station x one set ◆ Understand escalator pit plumbing line and the relationship with the installation drawings of mechanical equipment including: <ul style="list-style-type: none"> • mechanical equipment in driving station • mechanical equipment inside the truss • mechanical equipment in return station <p>6.2 Installation methods and procedures for escalator pit plumbing tools</p> <ul style="list-style-type: none"> ◆ Formulate the installation procedure lists for escalator pit plumbing tools including: <ul style="list-style-type: none"> • plumbing tools supporter at driving station x one set • plumbing lines x 4 pieces • weights x 4 • plumbing tools supporter at return station x one set ◆ Analyze measurements of construction dimensions of different construction projects and formulate the revised procedure lists for the final installation location of escalator pit plumbing tools including: <ul style="list-style-type: none"> • the construction dimension of vertical height of upper machine room (driving station) • the construction dimension of opening width of escalator pit (framework) • the construction dimension of pit dept of lower machine room (return station) ◆ Effectively use different tools to implement and assign the completed installation and revision work for the final installation location of escalator pit plumbing tools

7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none">(i) Capable to arrange and assign the revised procedures for completed installation and the final installation location of escalator pit plumbing tools systematically and through effective communication; and(ii) Capable to implement the completed installation and revision work for the final installation location of escalator pit plumbing tools under general or complicated situations in compliance with the prescribed standards.
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in measuring escalator pit.</p>