

1. Title	Perform measuring tasks in escalator pit
2. Code	EMLEIN207A
3. Range	Perform measuring tasks in escalator pit under general situations at construction sites.
4. Level	2
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Relationship between the construction of plumbing tools in escalator pit and construction drawings</p> <ul style="list-style-type: none"> ◆ Understand the names and number of components of plumbing tool in the escalator pit including: <ul style="list-style-type: none"> • plumb lines supporter at upper machine room (driving station) x 1 • plumb line x 4 • weight x 4 • plumb lines supporter at lower machine room (return station) x 1 ◆ Understand the relationship between plumb lines in escalator pit and different mechanical equipment in installation drawings including: <ul style="list-style-type: none"> • mechanical equipment in the upper machine room (driving station) • mechanical equipment in the escalator truss • mechanical equipment in the lower machine room (return station) <p>6.2 Measurements for escalator construction</p> <ul style="list-style-type: none"> ◆ Effectively use escalator pit plumbing tools to measure the construction dimensions of different escalator construction projects including: <ul style="list-style-type: none"> • the dimension of vertical rising height for the escalator of upper machine room • the dimension of opening width for the escalator pit (framework) • the dimension of pit dept for the escalator of lower machine room (return station)
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to systematically and efficiently measure the construction dimensions of escalator upper machine room (driving station), escalator pit (framework) and lower machine room (return station) in compliance with the prescribed standards.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses knowledge and skills in installing escalator mechanical installations and accessories.