

1. Title	Select suitable plant location
2. Code	EMPEDE603A
3. Range	Select the location for general industrial plants or power plants.
4. Level	6
5. Credits	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Objective conditions for plant location</p> <ul style="list-style-type: none"> ◆ Be familiar with the objective conditions for selecting plant location <ul style="list-style-type: none"> • Product or finished product type • Consideration for people and logistics • Environmental impact such as pollution or noise and environmental conservation • Area needed for the plant and its land value • Material supply • Public works such as water and electricity supply and waste discharge facilities • Years of use of plant • Suitability and expandability of plant site ◆ Be familiar with issues concerning government planning for the land development and the land use rights ◆ Be familiar with the preference of residents nearby and the board of directors or their expectation for the plant <p>6.2 Select suitable plant location</p> <ul style="list-style-type: none"> ◆ Identify and select plant location correctly according to statutory requirements, public opinions and professional management experience ◆ Compile reports to clearly explain the suitability of plant location to the board of directors and the public <p>6.3 Professionalism in selecting plant location</p> <ul style="list-style-type: none"> ◆ Perform the selection task according to quality indicators or corporate guidelines ◆ Handle extremely complicated situations caused by plant siting
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to correctly select the plant location according to the statutory requirements, public opinions and the preference of the board of directors; and</p> <p>(ii) Capable to clearly explain the reasons of selecting the plant location.</p>

	<p>(iii) Capable to handle the complicated situations arising from the selection of plant location, for example,</p> <ul style="list-style-type: none"> • Necessary to select another plant location because of finding animals or plants with special conservation value in the chosen plant location. • Affecting the safety of the plant structure because of having caverns under the ground of the chosen plant location • Having the problems in the expropriation of land and its restitution • Having on-going large-scale infrastructural projects such as hospital or residential building near the chosen plant location
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses management expertise and fully understands the use of plant.