

1. Title	Formulate indoor air quality improvements
2. Code	EMACOR601A
3. Range	Use complex planning, technical and management functions, in the absence of information, to formulate indoor air quality improvements at air-conditioned areas.
4. Level	6
5. Credit	12
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of indoor air quality management</p> <ul style="list-style-type: none"> ◆ Understand the details of indoor air quality management ◆ Understand the strategies and procedures of indoor air quality management ◆ Understand the knowledge of indoor air quality improvements <p>6.2 Formulate indoor air quality improvements</p> <ul style="list-style-type: none"> ◆ Formulate measures to improve indoor air quality, including: <ul style="list-style-type: none"> • Formulate measures to improve indoor air quality according to relevant regulations and guidelines in Hong Kong as well as codes of practice and guidelines adopted internationally • Prepare indoor air quality management plan ◆ formulate indoor air quality management strategies, including: <ul style="list-style-type: none"> • Comparing the advantages and disadvantages of typical ways for indoor air quality improvements • Identifying potential indoor air quality problems in the stage of building design • Formulating indoor air quality management strategies with reference to the environment factor of the building, legal and users' requirements ◆ Monitor the implementation of the indoor air quality management strategies, including: <ul style="list-style-type: none"> • Assessing the effectiveness of indoor air quality management ◆ Modify the management, plan and strategies of indoor air quality according to the effectiveness of indoor air quality management in order to enhance the indoor air quality standard <p>6.3 Professionalism in indoor air management</p> <ul style="list-style-type: none"> ◆ Perform indoor air quality management according to legal requirements and codes of practice
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to use the ability of complex planning, technical and management to formulate indoor air quality improvements; and</p> <p>(ii) Capable to formulate indoor air quality management strategies and assess their effectiveness.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general knowledge of indoor air quality.