

1. Title	Assess indoor air quality
2. Code	EMACOR501A
3. Range	Apply a wide range of technical and professional knowledge and skills, and make various information analyses, to perform indoor air quality assessment at air-conditioned areas.
4. Level	5
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of indoor air quality assessment</p> <ul style="list-style-type: none"> <li>◆ Understand the details of indoor air pollution hazard assessment, including: <ul style="list-style-type: none"> <li>• Hazard evaluation</li> <li>• Dose-response relationship assessment</li> <li>• Exposure assessment</li> <li>• Dangerous symptom analysis</li> </ul> </li> <li>◆ Understand the procedures of formulating indoor air quality standards</li> <li>◆ Understand the details and characteristics of indoor air standards</li> </ul> <p>6.2 Methods and procedures of indoor air quality assessment</p> <ul style="list-style-type: none"> <li>◆ Assess indoor air quality , including: <ul style="list-style-type: none"> <li>• Formulating work plan for indoor air quality assessment</li> <li>• Conducting quality control for the indoor air quality assessment</li> <li>• Monitoring the whole process of measuring indoor air quality parameters</li> <li>• Assessing indoor air quality parameters to see if they conform to the indoor air quality objectives</li> </ul> </li> <li>◆ Suggest ways to improve indoor air quality parameters that are below standard</li> </ul> <p>6.3 Professionalism in indoor air quality assessment</p> <ul style="list-style-type: none"> <li>◆ Perform indoor air quality assessment according to legal requirements, code of practice and guidelines</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to apply a wide range of technical and professional knowledge and skills, and make various information analyses, to complete indoor air quality assessment and make recommendations on improvement; and</p> <p>(ii) Capable to explain the indoor air quality issues to the sector and clients.</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.