

1. Title	Perform basic repair and maintenance of ice makers, beverage coolers and dehumidifiers
2. Code	EMACOR206A
3. Range	Perform basic repair and maintenance of ice makers, beverage coolers and dehumidifiers with spare parts at servicing stations or work sites.
4. Level	2
5. Credit	7
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Functions, uses and construction of ice makers, beverage coolers and dehumidifiers</p> <ul style="list-style-type: none"> ◆ Understand the functions of ice makers, beverage coolers and dehumidifiers ◆ Understand the uses of ice makers, beverage coolers and dehumidifiers ◆ Understand the structure of ice makers, beverage coolers and dehumidifiers <p>6.2 Basic methods and procedures of repairing and maintaining ice makers, beverage coolers and dehumidifiers</p> <ul style="list-style-type: none"> ◆ Clean and wash the condensers and evaporators of ice makers, beverage coolers and dehumidifiers ◆ Use nitrogen to perform pressure leak check for the refrigeration system ◆ Vacuum the refrigeration system ◆ Charge the refrigeration system with correct amount of refrigerant ◆ Perform refrigerant leak test ◆ Disassemble and replace the compressors, evaporators, capillary tubes, drying filters, condensers and other accessories of ice makers, beverage coolers and dehumidifiers <p>6.3 Professionalism in basic repair and maintenance of ice makers, beverage coolers and dehumidifiers</p> <ul style="list-style-type: none"> ◆ Follow the manual instructions to perform basic repair and maintenance of ice makers, beverage coolers and dehumidifiers ◆ Understand the safety guidelines as required by the law and the code of practice to undertake basic repair and maintenance of ice makers, beverage coolers and dehumidifiers
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to disassemble and replace the compressors, evaporators and other accessories of ice makers, beverage coolers and dehumidifiers; and</p> <p>(ii) Capable to follow the code of practice to undertake basic repair and maintenance of ice makers, beverage coolers and dehumidifiers.</p>
8. Remarks	This unit of competency is applicable to practitioners engaged in general repair and maintenance of ice makers, beverage coolers and dehumidifiers.