

1. Title	Use different methods to install pipes and fittings
2. Code	EMPDIN204A
3. Range	Use different methods to install pipes at equipment installation points; use different types of fittings for different joining methods
4. Level	2
5. Credits	2
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about some special methods of joining pipes</p> <ul style="list-style-type: none"> <li>◆ Know about some pipe materials for water system installation, such as: <ul style="list-style-type: none"> <li>• Cast iron pipes</li> <li>• Galvanized iron pipes</li> <li>• Lined (uPVC/ polyethylene lining)</li> <li>• Galvanized steel pipes</li> <li>• Other types of pipes</li> </ul> </li> <li>◆ Know about the properties and fittings of pipes and relevant joining techniques</li> </ul> <p>6.2 Use different methods to join pipes</p> <ul style="list-style-type: none"> <li>◆ Use suitable pipe joining techniques according to actual situations</li> <li>◆ Correct and change the defective joints</li> </ul> <p>6.3 Professionalism in joining pipes</p> <ul style="list-style-type: none"> <li>◆ Use correct joining techniques according to the code of practice for the plumbing and drainage works regulations</li> <li>◆ Judge whether or not a joint is up to standard</li> <li>◆ Provide pipe joining methods complying with the standards and benchmark for indicators</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to know about different pipe joining methods and use different methods to join pipes correctly; and</p> <p>(ii) Capable to provide with customers pipe joining methods complying with the standards.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the competency of “Know about different types of pipe materials”.