

1. Title	Preparations for erecting and dismantling steel scaffolding									
2. Code	EMPEIN215A									
3. Range	Preparations for erecting and dismantling steel scaffolding in general industrial plants, power plants or other places.									
4. Level	2									
5. Credits	3									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Types and erecting methods of general steel scaffolding</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Know about the types ( single/double row) and applications of general steel scaffolding, including:               <ul style="list-style-type: none"> <li>• Dimensions of steel scaffolds</li> <li>• Uses of fittings such as standard, ledger, inclined brace, wall tie, right angle/rotary coupler, scaffolding plate, toe board, passage, staircase and safety net</li> </ul> </li> <li>◆ Know about construction of various types of scaffolding</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Preparations for erecting and dismantling steel scaffolding</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Know about the principles of erecting and dismantling scaffolding, including the safety concerns, erection steps and use of tools</li> <li>◆ Prepare the site for erecting steel scaffolding</li> <li>◆ Select appropriate steel tubes and tools to make preparations for erecting and dismantling steel scaffolding</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in making preparations for erecting and dismantling steel scaffolding</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>◆ Preparations for erecting and dismantling steel scaffolding under instruction</li> </ul> </td> </tr> </table>	6.1	Types and erecting methods of general steel scaffolding	<ul style="list-style-type: none"> <li>◆ Know about the types ( single/double row) and applications of general steel scaffolding, including:               <ul style="list-style-type: none"> <li>• Dimensions of steel scaffolds</li> <li>• Uses of fittings such as standard, ledger, inclined brace, wall tie, right angle/rotary coupler, scaffolding plate, toe board, passage, staircase and safety net</li> </ul> </li> <li>◆ Know about construction of various types of scaffolding</li> </ul>	6.2	Preparations for erecting and dismantling steel scaffolding	<ul style="list-style-type: none"> <li>◆ Know about the principles of erecting and dismantling scaffolding, including the safety concerns, erection steps and use of tools</li> <li>◆ Prepare the site for erecting steel scaffolding</li> <li>◆ Select appropriate steel tubes and tools to make preparations for erecting and dismantling steel scaffolding</li> </ul>	6.3	Professionalism in making preparations for erecting and dismantling steel scaffolding	<ul style="list-style-type: none"> <li>◆ Preparations for erecting and dismantling steel scaffolding under instruction</li> </ul>
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to make preparations for erecting and dismantling steel scaffolding under instruction and according to requirements of engineering drawings; and</p> <p>(ii) Capable to select appropriate steel tubes and tools to make preparations for erecting and dismantling steel scaffolding.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses elementary mechanical knowledge of general installation.									