



**Rope and Sling Specialists**

**LEEA Appointed PICOLO  
Course Outline**



Training Course Outline			
<b>Course Name</b>	Appointed <b>PICOLO</b>	<b>Duration</b>	<b>2 days</b>
<b>Training Objective</b>	Appointed <b>PICOLO</b>		
Key Learning Point			
Carry out a brief covering: Health & Safety/ Facilities/ Refreshments			
<b>1. Legal</b>			
Health & Safety at Work Act			
<ol style="list-style-type: none"> <li>1. Supply Regulations</li> <li>2. UK Law</li> <li>3. PUWER</li> <li>4. LOLER</li> </ol>			
			Theory
<b>2. Planning Lift Operation</b>			
<ol style="list-style-type: none"> <li>1. Definitions</li> <li>2. Planning &amp; Supervising Lifting Operation</li> <li>3. Risk Assessment</li> <li>4. Method Statement</li> <li>5. Tasks</li> <li>6. Lifting Equipment</li> <li>7. Site</li> <li>8. Communications</li> <li>9. Selection of Equipment</li> <li>10. Crane Signals</li> </ol>			
			Theory
<b>3. Types of Crane</b>			
<ol style="list-style-type: none"> <li>1. Mobile Cranes</li> <li>2. Crawler Cranes</li> <li>3. Tower Cranes</li> <li>4. Overhead Cranes</li> </ol>			
			Theory
<b>4. Identification Parts &amp; Components</b>			
			Theory
<b>5. Duty Charts</b>			
			Theory
<b>6. Stability</b>			
<ol style="list-style-type: none"> <li>1. Slopes &amp; Trenches</li> <li>2. Imposed Loads</li> <li>3. Reducing Imposed Loads</li> </ol>			
			Theory
<b>7. Weight Estimation</b>			
<ol style="list-style-type: none"> <li>1. Weight Estimation</li> <li>2. Centre of Gravity</li> <li>3. Sling Angles</li> </ol>			
			Theory
<b>8. Choose The Right Sling</b>			
<ol style="list-style-type: none"> <li>1. Wire Ropes</li> <li>2. Chain Slings</li> <li>3. Webbing Slings</li> <li>4. Round Slings</li> </ol>			
			Theory
<b>9. Sling Accessories</b>			
<ol style="list-style-type: none"> <li>1. Dynamo Eyebolts</li> <li>2. Collar Eyebolts</li> <li>3. Eyebolt with Link</li> <li>4. Shackles</li> <li>5. Hooks</li> <li>6. Clutches</li> <li>7. Rigging Screws</li> <li>8. Wire Rope Grips</li> </ol>			
			Theory

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<b>Key Learning Point</b>			
<b>10. Pre Use Examination</b>			
<ul style="list-style-type: none"> <li>1. Round Slings</li> <li>2. Webbing Slings</li> <li>3. Fibre Ropes</li> <li>4. Wire Rope Slings</li> <li>5. Chain Sling</li> <li>6. Eyebolts</li> <li>7. Shackles</li> <li>8. Chain Blocks</li> <li>9. Lift/Pull Machine</li> <li>10. Lever Hoist</li> <li>11. Plate Clamps</li> </ul>			Theory
<b>11. Definitions &amp; Terminology</b>			Theory
<b>12. Sling Angles</b>			Test
<b>13. Scenarios</b>			Practical
<b>14. Lift Plan</b>			Practical
<b>15. Question Paper</b>			Test