



## Hoisting

Developed by:	Approved by:	Date created:	Last revision:
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Possible Hazards Present	Personal Protection Required	Additional Training	
<ul style="list-style-type: none"> <li>- Slip/Trip</li> <li>- Equipment malfunction</li> <li>- Muscle strain</li> <li>- Pinch points</li> <li>- Overhead wires</li> <li>- Permanent structures</li> </ul>	<ul style="list-style-type: none"> <li>- Steel toed boots</li> <li>- Eye protection</li> <li>- Hand protection</li> <li>- Hard Hat</li> <li>- Hi-Vis Vest</li> </ul>	<ul style="list-style-type: none"> <li>- Hoisting &amp; Rigging training</li> <li>- Operator training</li> <li>- Flagman Procedure</li> <li>- Rigger Procedure</li> </ul>	
<ol style="list-style-type: none"> <li>1. Perform assessment of area. Review/Update Documentation/Information required for Site.</li> <li>2. Inspect all equipment and materials to be used for lift to ensure it is in proper working condition. Replace or repair (if applicable) any items where a deficit is noted.</li> <li>3. Provide refresher training to Site Personnel (if applicable).</li> <li>4. Assign a spotter who will be in charge of signaling operator safely.</li> <li>5. Barricade the lift area and determine landing spot.</li> <li>6. Determine the weight of the object or load prior to a lift.</li> <li>7. Estimate the centre of gravity or point of balance. The lifting device should be positioned immediately above the estimated centre of gravity.</li> <li>8. Position machine according to the centre of gravity of the load.</li> <li>9. Use slings/chains of proper length and size.</li> <li>10. Hook up of load to be done by a competent rigger.</li> <li>11. Lift when spotter signals safe to do so.</li> <li>12. Slowly move load to landing area, lower the load gently and make sure the load is stable before slacking the chain or cable.</li> <li>13. Ensure there is blocking under the load to enable remove of slings.</li> </ol>			
<b>Documentation/Legislation</b> Workplace Safety and Health Regulation, M.R. 217/2006  4 First Aid 5 Personal Protective Equipment 16 Machines, Tools and Robots 23 Cranes and Hoists		<p><b>This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.</b></p>	