

Project Title:	Use Of Slings	Risk Assessment No:	<b>FLT-RA08</b>
Task/Activity:	<i>Slinging of Loads</i>	Project No:	8
No. of Persons Involved:	10	Date Prepared:	02.2020
		Overall Risk Rating	<b>MEDIUM RISK</b>

HAZARDS		Likelihood			Severity					Risk Rating
Ref:	Key hazards associated with the above task / activity.	Probable	Occasional	Remote	Catastrophic	Critical	Serious	Marginal	Negligible	Likelihood x Severity
		3	2	1	5	4	3	2	1	
1	People standing too close to the operating radius		x		x					10
2	loads are allowed to be slewed over personnel			x	x					5
3	overturning machine and losing the load			x	x					5
4	losing the load			x	x					5
5	poor weather conditions		x			x				8
6										
7										
8										

Risk Assessment Scores	<b>10 &gt; High Risk</b>	<b>5 – 9 &gt; Medium Risk</b>	<b>1 – 4 &gt; Low Risk</b>
------------------------	--------------------------	-------------------------------	----------------------------

**Combined Risk Evaluation = 6.6 Medium Risk**  
*(Combined Score divided by No. of Hazards:- 33/5 = 6.6)*

PERSONS AFFECTED					PPE REQUIREMENTS						
Operatives	x	Members of Public		Site Visitors	x	Harness & Lanyard		Hi-Viz Clothing	x	Respiratory Protection	
Other Workers	x	Managers	x	Young Persons		Hearing Protection	x	Eye Protection	x	Head Protection	x
Other People	x					Gloves	x	Safety Footwear	x	Tool-Tether-Belt	

Likelihood (L)	3	Severity (S)					Risk Rating	Action		
		1	2	3	4	5				
	3	3	6	9	12	15			<b>High Risk</b>	Stop the task/activity until controls can be put into place to reduce the risk to an acceptable level
	2	2	4	6	8	10			<b>Medium Risk</b>	Determine if further safety precautions are required to reduce risk to as low as is reasonably practicable
1	1	2	3	4	5	<b>Low Risk</b>	No further action, keep under review			

Risk Assessor	Graham Barker	Name / job title:	Partner/ Engineer
Details of any persons consulted			

<b>ADDITIONAL CONTROL MEASURES</b>	
Information / Instruction / Training	Managerial Controls
<p>Ensure that all slinging equipment and associated attachments is adequately maintained.</p> <p>No Un-Authorised &amp; Un-Trained personnel (<i>All personnel to be trained and certified as competent at all times</i>).</p> <p>No Misuse of equipment, material &amp; horseplay.</p> <p>When handling any large material &amp; equipment, assistance must be supplied by more trained personnel.</p> <p>Ensure safe storage area, free from obstruction at all times so as not to cause slips, trips and falls.</p> <p>Check that there is no risk of injury to other personnel within the operating area.</p> <p>All Operatives to wear PPE, ie, Eye, Ear, Foot, Hand protection and to ensure no loose clothing.</p> <p>Train all operatives to use, and understand the need for appropriate PPE, as and when required;.</p> <ul style="list-style-type: none"> <li>• Hard Hat (EN 397:2012)</li> <li>• Safety Glasses (EN 166:2001)</li> <li>• Safety Goggles (EN 166:2001)</li> <li>• Ear defenders – Overhead type (EN 352-1:2002)</li> <li>• Ear defenders – Plug type (EN 352-2:2002)</li> <li>• Gloves (EN 388:2003) Cut res-1</li> <li>• Safety Footwear (EN 20345:2004)</li> <li>• Hi-Vis Vest (EN 20471:2013)</li> </ul>	<p>Ensure adequate supervision is provided and that control measures remain valid for the duration of the work</p> <p>Ensure Only Authorised and Trained Operatives carry out slinging operations, ie, Crane Drivers, Operators of Lifting Machines/Appliances, Banksmen and Supervisors.</p> <p>Supervisors are to be trained and competent in the management of lifting operations.</p> <p>Crane drivers and operators of lifting appliances will be trained in slinging and lifting.</p> <p><b>All Training to be recorded.</b></p> <p>All Operatives on site to have sufficient Training in PPE.</p>

Physical Controls	Procedural Controls
<p>A safe system of access and egress to the working area shall be provided, for short duration work this may involve the use of a securely footed ladder, (<i>see Ladder RA</i>), or step-ladder, (<i>see Step-Ladder RA</i>).</p> <p>If using telescopic ladders, always ensure that each section is extended equally and to ensure the locking mechanism between the sections is properly engaged before the ladder is climbed.</p> <p>The working area shall provide protection from and to both pedestrians and other vehicle users if &amp; where applicable.</p> <p>For short duration work the use of step-ladders (<i>see Step-Ladder RA</i>) will be used to provide access to and from the work area as necessary.</p> <p>For longer duration work, the use of a full scaffold with toe boards, double guard rails and ladder access shall be considered.</p> <p>No persons are allowed to stand or work within lifting appliance operating radius without the operator's permission.</p> <p>Loads must not be slewed over personnel or vehicle cabins.</p> <p>A banksman is to be used where driver's vision is impaired or when operating in congested areas.</p> <p>The lifting appliance is to be on a firm and level base.</p> <p>Relevant attachments and equipment will be selected considering the weight and stability of the load.</p> <p>Slings will not be placed on sharp edges.</p> <p>Tail ropes will be used on large loads to steady and guide them.</p> <p>All personnel associated with slinging will wear hard hats, gloves, hi-vis vest/jacket and safety footwear.</p>	<p>A full method statement and/or safe system of work must be prepared prior to the commencement of any works.</p> <p>Correct lifting equipment will be supplied, compatible with the load.</p> <p>Operations will be planned to ensure maximum safety of personnel and property. Lifting equipment is subject to the planned maintenance programme.</p> <p>Relevant test certificates or copies will be available for inspection on site.</p> <p>Sufficient numbers of trained personnel will be available on site before lifting begins.</p> <p>If any work at height is to take place outside, then works shall not be permitted to take place during periods of adverse weather such as in strong winds or wet weather.</p> <p>Manufacturer's information on load weight, centre of gravity and slinging arrangements will be obtained in advance where practicable.</p> <p>Lifting will be supervised to ensure the stability of the appliance and the load.</p> <p>Banksmen will be used when the driver/operator's view is obstructed.</p> <p>Work will be stopped when weather conditions prevent safe operations.</p> <p>The area within the arc of operation is to be cleared of personnel before slinging begins.</p> <p>No person is permitted to stand beneath a suspended load.</p>

HSE & Other Guidance	Comments
<ul style="list-style-type: none"><li data-bbox="204 203 735 264">• Lifting Operations and Lifting Equipment Regulations 1998 and ACoP L113.</li><li data-bbox="204 264 804 324">• British Standard BS7121:1989 Part 1: Code of Practice: Safe use of cranes</li></ul>	<p data-bbox="890 203 1358 264">See other specific assessments if using equipment to move loads.</p>

Specific Site Assessment Details	Site Comments
<p>On each site and each location, the generic assessment that follows must be reviewed to ensure that all 'site-specific' significant hazards and their risks are identified and controlled. Completion of this part of the document will ensure that your assessment is both appropriate and complete.</p>	
<p><b>FREQUENCY AND DURATION OF ACTIVITY:</b></p> <p><b>ANY ADDITIONAL SPECIFIC HAZARDS IDENTIFIED:</b></p> <p><b>ANY ADDITIONAL CONTROL MEASURES REQUIRED:</b></p> <p><b>ASSESS THE REMAINING RISKS USING GRID ABOVE:</b>     Low / Medium / High</p> <p><b>SERIOUS AND IMMINENT DANGERS IDENTIFIED:</b> Specific Note: The collapse of, the overturning of, or failure of any load bearing part of any lifting machine is reportable as a 'Dangerous Occurrence' under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR).</p> <p><b>EMERGENCY ACTION REQUIRED:</b></p> <p><b>IF YES, WHAT ACTION</b></p> <p><b>EMERGENCY TELEPHONE NUMBER(S)</b></p> <p><b>NAMES OF COMPETENT PERSON(S) APPOINTED TO TAKE ACTION:</b></p>	<p>Job Specific</p> <p>Fingers or hand are amputated or crushed between shifting loads or straps:</p> <ul style="list-style-type: none"> <li>- when loading are being set up</li> <li>- when lifting</li> </ul> <p>Carry should be taken at all times to safe guide against any possible injuries, when lifting or lowering the loads.</p> <p>Medium</p> <p>Amputation or Crushing.</p> <p>Contact member of Management staff. Contact Site first aider for assessment.</p> <p>Yes</p> <p>999</p> <p>Colin Dunmill (First Aider) Alex Dunmill (First Aider) Steve Baker (Fire Warden) Joanna Dunmill (Partner/ Manager) Graham Barker (Partner/Engineer/Fire Warden)</p>

Any Other Statements or additional assessment:	Site Comments
<p>Lifting operations adjacent to or near overhead power lines</p>	<p>Overhead assessment required before work to check for an overhead restrictions.</p>