

Project Title:	Using lifting equipment	Risk Assessment No:	FLT-RA09							
Task/Activity:	Use of Lifting Equipment	Project No:	9							
No. of Persons Involved:	10	Date Prepared:	02-2020							
		Overall Risk Rating	MEDIUM RISK							
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	Unintentional release of load			X		X				4
2	Unplanned movement of load		X			X				8
3	Damage to equipment		X			X				8
4	Crush injuries to personnel			X	X					5
5										
6										
7										
8										
Risk Assessment Scores		10 > High Risk		5 – 9 > Medium Risk			1 – 4 > Low Risk			

Combined Risk Evaluation = **6.25 Medium Risk**
 (Combined Score divided by No. of Hazards:- 25/4 = 6.25)

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		Eye Protection	x	Head Protection	x
Other People	x					Gloves	x	Safety Footwear	x	Tool-Tether-Belt	

Likelihood (L)		Severity (S)					Risk Rating	Action
		1	2	3	4	5		
3	3	3	6	9	12	15	High Risk	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		
	1	1	2	3	4	5	Low Risk	No further action, keep under review

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

ADDITIONAL CONTROL MEASURES	
Information / Instruction / Training	Managerial Controls
<p>Personnel involved in the slinging of loads and use of lifting equipment will be required to be trained.</p> <p>Supervisors will be trained in the supervision of lifting operations.</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"> • Hard Hat (EN 397:2012) • Safety Glasses (EN 166:2001) • Safety Goggles (EN 166:2001) • Ear defenders – Overhead type (EN 352-1:2002) • Ear defenders – Plug type (EN 352-2:2002) • Gloves (EN 388:2003) Cut res-1 • Safety Footwear (EN 20345:2004) • Hi-Vis Vest (EN 20471:2013) • Lanyard (EN 354:2010) • Safety Harness (BS EN 363:2008) 	<p>Ensure adequate supervision is provided and that control measures remain valid for the duration of the work</p> <p>Arrangements for carrying out of statutory inspections and keeping of records will be made.</p> <p>Before selecting lifting equipment, the above Standards will be considered together with the weight, size, shape and centre of gravity of the load.</p> <p>Lifting equipment is subject to the planned maintenance programme.</p> <p>All Operatives on site to have sufficient Training in PPE.</p>
Physical Controls	Procedural Controls
<p>All items of lifting equipment will be identified individually and stored so as to prevent physical damage or deterioration.</p> <p>Safe working loads of lifting equipment will be established before use.</p> <p>Packing will be used to protect slings from sharp edges on the load.</p> <p>All items of lifting equipment will be visually examined for signs of damage before use.</p> <p>Swinging of the load will be checked by ensuring the eyes of strops are directly below the appliance hook, and that tail ropes are fitted to control larger loads.</p>	<p>Only lifting equipment which is in date for statutory examination will be used.</p> <p>Manufacturer's instructions will be checked to ensure that methods of sling attachment and slinging arrangements generally are correct.</p>
HSE & Other Guidance	Comments
<ul style="list-style-type: none"> • Work at Height Regulations 2005 • Provision and Use of Work Equipment Regulations 1998 and ACOP L22. • Lifting Equipment and Lifting Operations Regulations 1998 and HSE ACOP —L113 British Standards: • BS 6166: Part 3: 1988 - Guide to selection and use of lifting slings for multi purposes • BS 6210: 1983 - Code of Practice for the safe use of wire rope slings for general purposes 	<p>See other specific assessments if using slings or strops.</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>FREQUENCY AND DURATION OF ACTIVITY:</p> <p>ANY ADDITIONAL SPECIFIC HAZARDS IDENTIFIED:</p> <p>ANY ADDITIONAL CONTROL MEASURES REQUIRED:</p> <p>ASSESS THE REMAINING RISKS USING GRID ABOVE: Low / Medium / High</p> <p>SERIOUS AND IMMINENT DANGERS IDENTIFIED: 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>EMERGENCY ACTION REQUIRED:</p> <p>IF YES, WHAT ACTION</p> <p>EMERGENCY TELEPHONE NUMBER(S)</p> <p>NAMES OF COMPETENT PERSON(S) APPOINTED TO TAKE ACTION:</p>	<p>Job Specific</p> <p>Fingers or hand are amputated or crushed between shifting loads or straps: - when loading are being set up - when lifting</p> <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>Any lifting where the manufacturer's or other recognised slinging method cannot be used</p>	<p>A specific assessment will be carried out before the task is undertaken, and only completed if the task is demand safe.</p>