



Risk Assessment – Slinging And Lifting

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Customer:	Location:
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Ref No	Specific Hazard	P	S	R	L	Recommended Safeguards To Mitigate Hazard And Reduce Risk	Revised Risk Level
1	Faulty or damaged equipment	2	5	10	M	Carry out full inspection of all equipment prior to use. Check for any damage, chaffing, kinks, tears and wear in slings. If in doubt do not use.	Low
2	Use of equipment not suitable for purpose	1	5	5	M	Ensure that the equipment being used complies with the method statement. Only use equipment for the purposes it is designed for.	Low
3	Overweight load	2	5	10	M	Check weight of load before commencing lifting operation. Check safe working load of all items of lifting equipment before use.	Low
4	Load weight not known	4	5	20	H	Try to obtain weight from customer/manufacturer. Estimate weight and allow a 50% margin for error in equipment used. Undertake a trial lift to take the strain and assess weight, stability and security of load. Keep personnel clear of area during trial lift.	Low
5	Unstable load	5	5	25	H	Make assessment of location of centre of gravity of load Undertake a trial lift to take the strain and assess balance, stability and security of load. Keep personnel clear of area during trial lift.	Medium
6	Unsafe lifting	2	5	10	M	Utilise slinger signaller, banksman and lift supervisors. Ensure the weight of the load being lifted does not exceed the safe working load of the lifting equipment being used to undertake the lift. Make sure the lifting equipment is securely attached to the load. Make sure the load is stable and balanced at all times. Make sure centre of gravity of load is directly beneath the lifting hook. Use suitable packing materials between slings and load to prevent damage. Make sure load is free to be lifted (not still bolted down etc.). Make sure any loose items are removed or secured before lifting. Make sure there are no fluids in the load that can move and cause instability during lift. Use line to control rotational movement of load during lifting.	Low



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7	Overhead obstructions and / or obstacles in the working area	3	5	15	M	Undertake a thorough survey of the work area before beginning lifting operations. Identify any such obstructions and obstacles and determine whether they can be worked around or require removal. Pay particular attention to any overhead power cables in the working area.	Low
8	Adverse Weather Conditions	2	4	8	M	Take care in windy/blustery conditions that can impose forces on the load when off the ground. Undertake trial lift to check stability of load. In severe conditions abort lifting operation until conditions improve.	Low

P = Probability, S = Severity, R = Risk Rating, L = Risk Level (L = low, M = medium, H = high)

Risk Assessed By:

Name:	Signature:	Date:
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