

# Risk Assessment

## RA109 – Mobilisation / Demobilisation of Drilling Rig in Yard: Raising and Lowering of the Leader Mast



ABI Equipment Ltd	Creation Date: 13/01/23
Mobilisation/Demobilisation of Drilling Rig in Yard: Raising and Lowering of the Leader Mast.	

<b>Main Hazards are:</b>	
Contact with overhead obstacles	Collision with site traffic during the loading/off-loading movement in yard.
<b>Persons / Property affected</b>	
All Employees	General Public
Visitors	Subcontractors

<b>Assessment of Risk:</b>	Severity	4	X	Likelihood	3	= Risk	12
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Control Measures already in Place	PPE Required
1. Position plant in an agreed location clear of any obstructions overhead or buried, and clear of access drive or other working areas.	Safety helmets <input checked="" type="checkbox"/>
2. Ensure mast is only erected under the supervision of a qualified banksman.	Hi-Vis Jackets <input checked="" type="checkbox"/>
	Safety footwear <input checked="" type="checkbox"/>
3. Ensure other staff and personnel are kept away from the rigging area.	Eye protection <input checked="" type="checkbox"/>
	Dust masks <input type="checkbox"/>
	Ear plugs <input type="checkbox"/>
	Earmuffs <input type="checkbox"/>
	Gloves <input checked="" type="checkbox"/>
	Protective overalls <input checked="" type="checkbox"/>
	Gauntlets <input type="checkbox"/>
	Harnesses <input checked="" type="checkbox"/>
	Breathing apparatus <input type="checkbox"/>
Face masks <input type="checkbox"/>	

<b>Assessment of Risk:</b>	Severity	4	X	Likelihood	2	= Risk	8
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Additional Controls required	PPE/Equipment
The employee must be adequately trained and competent to operate a piling rig.	<b>All personnel MUST wear the appropriate level of PPE for the activity they are involved with or area they are in</b>
Newly trained staff should be supervised until a suitable level of competency has been achieved.	

<b>Assessment of Risk:</b>	Severity	4	X	Likelihood	2	= Risk	8
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Approval and Review		
Prepared by:	Cathy Sheehan	13/01/2023
Updated by:	Ash Soliman	04/10/2024
Review by:	Ash Soliman	04/10/2024

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RISK RATING = L x S			Hazard Severity (S)				
			1	2	3	4	5
			Negligible	Slight	Moderate	High	Very High
Likelihood (L)	1	Very Unlikely	LOW	LOW	LOW	LOW	LOW
	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM
	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH
	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH

Likelihood	
1. Very Unlikely	A freak combination of factors would be required for an accident/incident to occur
2. Unlikely	A rare combination of factors would be required for an accident/incident to occur
3. Possible	Could happen when accidental factors are present but otherwise unlikely
4. Likely	Not certain to happen but an additional factor may result in an accident/incident
5. Very Likely	Almost inevitable that an accident/incident would occur
Hazard Severity	
1. Negligible	Negligible injury, no absence from work
2. Slight	Minor injury requiring first aid
3. Moderate	Injury leading to a lost time accident
4. High	Involving a single person with a serious injury / death
5. Very High	Multiple persons with serious injury / death
Outcomes	
LOW	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further
MEDIUM	Score (8-10) Identify controls must be identified or specific method statement required
HIGH	Score (12-25) Task <b>must not</b> proceed. Senior Management to consider if the risks can be reduced by purchase of additional training, additional equipment, additional staff, additional signage, safe system of work, permit to work or radical changes in method.

Version Number	RA109-1024-1.0
Document location	M:\Health & Safety\Risk Assessments
Prepared by	Cathy Sheehan
Reviewed by	Ash Soliman
Next review Date	October 2027