

<b>Name</b>	ABI – Equipment Ltd.	<b>Location</b>	ABI Equipment Yard, Barn Way, Lodge Farm Industrial Estate, Northampton. NN5 7UW	<b>Date:</b>	16/01/2022
<b>Assessor</b>	Ash Soliman – Service Manager	<b>Operation</b>	Mobilisation / Demobilisation of Drilling Rig in Yard	<b>Ref No:</b>	ABI RA110 REV 01

OPERATION	HAZARDS IDENTIFIED	PERSONS AFFECTED	PRE-CONTROL RISK			CONTROL MEASURES (List control measures that are provided and those required)	RESIDUAL RISK		
			L	S	R		L	S	R
Tracking Rig on/off low loader	<ul style="list-style-type: none"> <li>Collision with staff or workshop personnel during loading / unloading.</li> <li>Contact with overhead obstacles.</li> <li>Damage to underground services or road surface.</li> <li>Injury to personnel during loading unloading of rig or accessories.</li> <li>Slipping / sliding of plant or accessories during offloading</li> </ul>	Operatives, Staff, Visitors	3	3	9	<ul style="list-style-type: none"> <li>Rigs must only be operated by certified (CPCS) experienced operators, with a banksman in attendance.</li> <li>Ensure no overhead services/obstacles are in the location of the loading/unloading area.</li> <li>Ensure surface protection is in place where hard standing is at risk of being damaged.</li> <li>Ensure adequate pedestrian management is in place.</li> <li>When mounting / de-mounting the low loader the transport driver is in full control of the operation, including the installation and removal of securing chains.</li> </ul>	2	3	6
Raising and Lowering of the Leader Mast.	<ul style="list-style-type: none"> <li>Contact with overhead obstacles.</li> <li>Collision with site traffic during the loading/off-loading movement in yard.</li> </ul>	Operatives, and Sub Contractors	3	4	12	<ul style="list-style-type: none"> <li>Position plant in an agreed location clear of any obstructions overhead or buried, and clear of access drive or other working areas.</li> <li>Ensure mast is only erected under the supervision of a qualified banksman.</li> <li>Ensure other staff and personnel are kept away from the rigging area.</li> </ul>	2	4	8

OPERATION	HAZARDS IDENTIFIED	PERSONS AFFECTED	PRE-CONTROL RISK			CONTROL MEASURES (List control measures that are provided and those required)	RESIDUAL RISK		
			L	S	R		L	S	R
Working at height	<ul style="list-style-type: none"> <li>Fall of persons from height</li> <li>Falling materials/ falling object</li> <li>Platform or structural failure (See RA003 Mobile Scaffold Tower &amp; RA004 MEWP)</li> <li>Access to working platform – fall</li> <li>Falls from Equipment</li> <li>Weather - high wind and rain</li> </ul>	Operatives, Staff,	4	3	12	<ul style="list-style-type: none"> <li>Safe means of access to the work location should be provided using ladders, scaffolding, mobile elevated work platforms or mobile tower scaffolds.</li> <li>The area below the work should be fenced off if appropriate</li> <li>Edge protection should be erected at all openings or edges where falls can occur or safety lines and harnesses used.</li> <li>The fall of debris should be prevented by the use of debris netting, toe boards.</li> <li>All workers working at height must have to be trained in the use of the equipment and have in date IPAF MEWP Training</li> <li>Harness to be worn as appropriate in accordance with the MEWP training instructions.</li> <li>Lone workers MUST NOT work at height</li> <li>All workers must wear appropriate personal protective equipment (PPE)</li> <li>Daily checks to be carried out on MEWP before use.</li> <li>All employees (including office staff) to be trained in the emergency controls and be able to bring MEWP to ground level.</li> <li>Full consideration should be given to the weather conditions.</li> <li>Refer to specific RA Forms for Mobile Tower Scaffolds, Mobile Elevated Work Platforms and Ladders</li> </ul>	3	3	9

OPERATION	HAZARDS IDENTIFIED	PERSONS AFFECTED	PRE- CONTROL RISK			CONTROL MEASURES (List control measures that are provided and those required)	RESIDUAL RISK		
			L	S	R		L	S	R
						•			
Installation / removal of attachments.	<ul style="list-style-type: none"> <li>Standing up piling attachment from transport position for rigging operation.</li> <li>Toppling / Overturning of piling attachments</li> <li>Contact with moving plant.</li> <li>Mechanical failure or breakdown of equipment.</li> <li>Spillage of hydraulic oil installing hoses.</li> </ul>	Operatives	3	3	9	<ul style="list-style-type: none"> <li>Piling attachments must be positioned on a stable level platform away from other traffic for installation on the rig leader mast.</li> <li>Guides and slides must be aligned with the aid of a banksman. Security pins must be installed immediately after installation or before removal of the hydraulic pins.</li> <li>Hydraulic connections must be made in line with the manufacturers operating handbook, ensuring suitable PPE is worn.</li> </ul>	2	3	6

Prepared By:	Cathy Sheehan	Date:	29/06/17
Received/Reviewed by:	Ash Soliman	Date:	04/10/24

RISK RATING = Likelihood (L) x Severity (S)		HAZARD SEVERITY (S)				
		1	2	3	4	5
		<b>Negligible</b> Negligible injury, no absence from work	<b>Slight</b> Minor injury requiring first aid treatment	<b>Moderate</b> Injury leading to a lost time accident	<b>High</b> Involving a single persons serious injury/death	<b>Very High</b> Multiple serious injuries/death
1	<b>Very Unlikely</b> A freak combination of factors would be required for an incident / accident to result	LOW	LOW	LOW	LOW	LOW
2	<b>Unlikely</b> A rare combination of factors would be required for an incident /accident to result	LOW	LOW	LOW	MEDIUM	MEDIUM
3	<b>Possible</b> Could happen when accidental factors are present but otherwise unlikely	LOW	LOW	MEDIUM	HIGH	HIGH
4	<b>Likley</b> Not certain to happen but an additional factor may result in an incident/accident	LOW	MEDIUM	HIGH	HIGH	HIGH
5	<b>Very Likely</b> Almost inevitable that an incident / accident would result	LOW	MEDIUM	HIGH	HIGH	HIGH
LOW RISK (Score 1-6)		May be acceptable, however, review task to see if risk can be reduced further				
MEDIUM RISK (Score 8-10)		Task should only proceed with appropriate consultation with specialist personnel and HS&E team. Where possible the task should be refined to take account of the hazards involved or the risks should be reduced further prior to task commencement				
HIGH RISK (Score 12-25)		Task must not proceed. It should be redfined further control measures put in place to reduce risk. The controls should be re-assessed for adequacy prior to work commencement.				

## Likelihood

How often could the hazard occur? Consider the task, frequency, duration, method of work, employee involved.

## Severity

How serious would the hazard's effects be if realised? Consider the type of hazard, biological, ergonomic, physical and chemical

**Risk = Likelihood x Severity**

E.g. Likelihood (4) X Severity (3) = 12 **HIGH**