

Risk Assessment

RA036-1024-2.0 – Use of Harnesses & Lanyards



ABI Equipment Ltd	Creation Date: 03/07/19
Use of Harness & lanyard whilst working at height on rigs or in the cherry picker or other equipment	

Main Hazards are:	
Employees falling from a height	Injury to operatives from lifting equipment failure
Objects falling from height	Personal injury, near miss
Suspension Trauma as a result of the arrested fall	Operatives not aware of the Emergency Plan
Persons / Property affected	
Workshop employees	Rig Operatives

Assessment of Risk:	Severity	4	X	Likelihood	4	= Risk	16
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Control Measures already in Place	PPE Required
1. Harnesses & lanyards must be worn whilst working at height	Safety helmets <input type="checkbox"/>
2. Only Competent Operatives should ever wear a harness or attach a lanyard.	Hi-Vis Jackets <input type="checkbox"/>
3. Harness and Lanyard must have an in-date test certificate filed and have the correct lifting coloured tag attached.	Safety footwear <input type="checkbox"/>
4. All operatives to be trained in the effects of Suspension Trauma.	Eye protection <input type="checkbox"/>
5. All workshop staff to be aware of health & safety emergency procedures for recovery of suspended persons, and actions to be taken when the suspended operative is back on the ground.	Dust masks <input type="checkbox"/>
6. Ensure operatives are aware of First Aider presence on site	Ear plugs <input type="checkbox"/>
7. Make operatives aware of the Suspension Rescue Plan during site induction.	Earmuffs <input type="checkbox"/>
8. Ensure everyone is familiar with the sites emergency procedures in place.	Gloves <input type="checkbox"/>
9. All lifting equipment must be within regulatory thorough examination intervals.	Protective overalls <input type="checkbox"/>
10. Lifting Equipment must not be used beyond its Safe Working Load or Working Load Limit.	Gauntlets <input type="checkbox"/>
11. All lifting equipment must be used in accordance with the manufacturer's instructions.	Harnesses <input checked="" type="checkbox"/>
12. All lifting equipment must be visually inspected prior to use.	Breathing apparatus <input type="checkbox"/>
13. Ensure operators are briefed on task to be undertaken	Face Masks <input type="checkbox"/>
14. Complete relevant Toolbox Talk as required.	
15. Any additional hazards found, stop work and revise risk assessment.	

Assessment of Risk:	Severity	4	X	Likelihood	2	= Risk	8
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Additional Controls required	PPE/Equipment
Workshop staff to have training on wearing harnesses & working at height	
Office staff to be trained in the emergency lowering of the cherry picker	
Office staff to ensure all harnesses & lanyards are within date.	
A harness or lanyard must be returned to the service manager if it damaged or shows sign of wear	
Working at height should not be carried out by a lone worker	
The employee must be adequately trained and competent to operate in the area in which they are to work.	

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Newly trained staff should be supervised until a suitable level of competency has been achieved.								
Assessment of Risk:	Severity	3	X	Likelihood	2	= Risk	6	

Approval and Review		
Prepared by:	Derek Shale	03/07/2019
Updated by	Ash Soliman	04/10/2024
Review by:	Ash Soliman	04/10/2024

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 must not 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	RA036-1024-2.0
Document location	M:\Health & Safety\Risk Assessments
Prepared by	Cathy Sheehan
Reviewed by	Ash Soliman
Next review Date	October 2027