

<i>E&B Oilfield Services Inc.</i>	Activity: ALL WORK Roustabout		Doc No:	HAZ-ID
			Initial Issue Date	4/15/2015
			Revision Date:	4/15/2016
HAZARD IDENTIFICATION AND ASSESSMENT			Revision No.	1
			Next Revision Date:	4/15/2017
Preparation: Kate Graves	Authority: Danny Abegglen	Issuing Dept: Safety	Page:	1 of 3

Purpose

- **Roustabout**

Key Responsibilities

- Supervisors / Leads are required to ensure all employees have proper training for equipment and tools operation available per manuals and proper tool use.
- E&B Employees are required to have proper training per available equipment and tools operation according to manuals and proper tool use, and have required PPE at all times. Employees are required to follow task specific job safety analysis risk mitigation when roustabout operations are occurring.
- Operator is to inspect all equipment and tools prior to operation to ensure they are maintained in working order.

Hazard and Risk Identification

Employees MAY be exposed to the following hazards:

- Moving tools and hammer use causing entanglement, pinches or crushing of fingers or hands
- Flying debris causing eye damage or struck by
- Multiple power units in motion causing collision or run over
- Dust causing inhalation
- Equipment entry or dismount causing slips, trips or falls
- Debris being picked up on location causing cuts, trips or falls, exposure to spiders or snakes, muscle or joint injury
- Fencing materials causing cuts

Risk Assessment

Hazards are classified and ranked based on severity. The program identifies hazards are classified/prioritized and addressed based on the risk associated with the task. (See the risk analysis matrix outlining severity and probability).

Any time hand tools or power tools are use the above listed injuries are possible.

Short service employees need to be shown and demonstrate that they can safely use all tools used on the job sight.

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E&B OILFIELD SERVICES INC. RISK ASSESSMENT MATRIX - ROUSTABOUT

Severity	CONSEQUENCE				PROBABILITY				
	People	Assets	Environment	Reputation	A	B	C	D	E
					Not Done	Rarely	Once a week	Several Times in a Week	Multiple Times in a Day
0	No health effect	No damage	No effect	No impact					X
1	Slight health effect	Slight damage	Slight effect	Slight impact				X	
2	Minor health effect	Minor damage	Minor effect	Limited impact		X			
3	Major health effect	Localized damage	Localized effect	Considerable impact		X			
4	Single fatality	Major damage	Major effect	National impact	X				
5	Multiple fatalities	Extensive damage	Massive effect	Global impact	X				

Key	Manage for continuous improvement (Low)	Incorporate risk reduction measures (Medium)	Intolerable (High)
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Risk Controls/Methods to Ensure Identified Hazards Are Addressed and Mitigated

The following describes how identified hazards are addressed and mitigated:

- Moving tools or hammer use causing entanglement, pinches or crushing of fingers or hands: mitigate by not having loose clothing and wearing gloves
- Flying debris causing eye damage or struck by: mitigate by wearing eye protection and using proper tool for the job
- Multiple power units in motion causing collision or run over: mitigate by knowing surroundings and keeping eye contact between operators.
- Dust causing inhalation: mitigate by wearing dust masks and staying up wind
- Equipment entry or dismount causing slips, trips or falls: mitigate by using three points of contact at all times
- Debris being picked up on location causing cuts, trips or falls, exposure to spiders or snakes: wear gloves, stretch prior to lifting and use proper lifting techniques
- Fencing materials causing cuts: mitigate by wearing gloves, long sleeves and eye protection

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JSA Sample

The following describes how identified hazards are addressed and mitigated:

Basic Job Step	Hazards and Potential Injury/Risk	Mitigation / Tools
Replacing a tank burner	Smashed hands	Use gloves and straps to lift the burner and keeps hands out of the way

Other Info

