

Introduction

Heavy machinery can be some of the most unforgiving equipment that we work with. Their size, weight and power make them extremely useful but extraordinarily destructive if not properly used. Because they suspend loads, there is always the potential for falling objects and other overhead dangers.

Why Best Practice

Countless people have been maimed or killed due to improper operation, equipment failure and accidental exposure to equipment or equipment part movement. When mounted with a drill rig, the potentials are magnified due to the human element associated with the operations involved.

Benefits

By training and practice, keeping people and equipment clear of the danger zones, incidents will be avoided.





Expectations

- Always adhere to the OSHA requirements for heavy equipment.
- Always adhere to our own company policy (HSE Manual – Section J) for heavy equipment operations.
- Employees assigned to work on or near equipment must be trained **how to recognize struck-by and pinch/crush hazard areas posed by the equipment**.
- The standards and regulations require the employer to erect and maintain control lines, warning lines, railings or similar barriers to mark the boundaries of the hazard areas.
- When not using a barricade, equipment must be identified with both warning signs and high-visibility markings on the equipment. Typical warning signs could say **“Danger—Swing/Crush Zone”**.
- Use hoisting routes that minimize the exposure of employees to hoisted loads.
- Never stand directly under suspended items or objects.
- Consider that wind may increase the radius and protection zones must be adjusted accordingly.



Results and Validation

Other Resources

First Level Review

Role	Signature	Date
Piling Construction Manager		10-8-15
Piling Operations Manager		10-15-15
Drill Shafts Manager		10/13/15
Drill Shafts General Superintendent		10-12-15

Approvals

Role	Signature	Date
Division Manager		10.16.15
Division Safety Manager		10/9/15

REVISION HISTORY:

Rev #	Date	Reason for Changes	Originator	Effective Date
1	__/__/__	Initial Policy		

Requirement: Work must be performed in accordance with the information in this Best Practice. If it is determined that work cannot be done as required in the Best Practice or that it presents additional risk, you must obtain authorization for variance from the General Superintendent, Construction Manager and the Division Safety Manager.