



## JOB DESCRIPTION

Drilling and Equipment Operator	Effective Date: March 9, 2016
	Authorized by:

Brink Constructors Foundations Drilling and Equipment Operator Purpose:  
Provides experienced drilled pier installation for various foundation projects utilizing different types of mounted rigs.

### Reporting Relationships

- Foundations Foreman / Superintendent

### Key Relationships

- Foundations supervisory and field staff, project management and support staff including environmental, accounting, shop personnel and safety and health.

### Essential Responsibilities that are critical to Organizational Success

1. Project Safety
  - a. Adheres to all safety regulations and reports any violations to field supervision immediately.
  - b. Attends safety meetings.
2. Equipment and Tools
  - a. Operates various drilling units and equipment such as skid steer, forklift, front-end loader, backhoe and other miscellaneous equipment safely and effectively.
  - b. Operates all tools required to do each job.
  - c. Maintain equipment and tools to ensure long lasting use.
3. Production
  - a. Operates drilling unit and equipment, mounted on truck or crawler track, to drill holes for concrete pier and footing foundations.
  - b. Operates excavator mounted rigs.
  - c. Reads and interprets blueprints, plans and specifications to determine work activities.
  - d. Raises and lowers boom to specified angle for drilling.

- e. Swings boom, controls hoist drums, raises and lowers drill, hoists drill bit, bell reamer, casing and reinforcement steel into position, and controls rotary table that drives drill into earth.
- f. Observes drill stem during drilling operation and increases or decreases brake pressure on drill stem hoist drum to prevent swaying motion.
- g. Raises drill stem and swings boom to discharge dirt from drill bit or bell reamer.
- h. Observes type of earth formation penetrated to determine need for lowering casing into hole to seal off water and prevent cave-in of soft formations.
- i. Mentors and trains other foundation employees.
- j. Completed and maintains work records, field paperwork and generates reports.
- k. Supports concrete finishing process when necessary.

### Required Education and Experience

- Minimum 3 years of experience in drilled pier installation.
- Minimum 3 years of excavation experience.
- High School Diploma or GED.
- Class A Driver's License Preferred.

### Knowledge, Skills and Abilities

- Must have knowledge of materials, tools, and processes involved with building drilled pier foundations.
- Must be able to read and interpret blueprint plans and specifications.
- Must understand productivity and what drives job success.
- Ability to maintain accurate records.
- Ability to instruct and direct the work of unskilled and semi-skilled employees.
- Ability to perform duties and operation of equipment and tools in strict compliance with OSHA.
- Knowledge of machines and equipment including designs, uses, repair and maintenance.
- Must be able to lift 50 pounds.
- Must be willing to travel to different work locations.

*The information contained in this position description describes the general nature and level of work being performed in this job. This description is not intended to be an all-inclusive list of responsibilities, duties, and requirements for employees in this position. The incumbent is responsible for performing all duties in a safe and efficient manner in compliance with safe work procedures and safety regulations. This job description is not intended to constitute an offer or contract for employment. Job descriptions may and do change periodically.*