

Appendix C JHA Worksheet

Date: 7/26/18

Job/Task: Core Drilling

Work Location: Waterman

Employee(s): Joe Smith / Jane Doe

What is the most hazardous part of this job and what are you going to do to control the hazard?
Ergonomic/noise/dust

What do you need to ensure this job is completed incident and injury free?
Use of proper lifting and PPE

What conditions, job changes or distractions could call for the need to use Stop Work?
People in the area / unseen pipes or electrical in cavity

What do you need to ensure this job is completed incident and injury free?
Have a plan in place prior to work. Know what we are drilling into and what is below.

| Sequence of Job Tasks | Potential Hazard(s) | Controls |
|---|---|---|
| 1- Read owners manual | NA | NA |
| 2- Bringing drill and accessories to site | Ergonomics- lifting, bending and twisting | Proper lifting & moving parts w/ two people. use of carts |
| 3- Setup of base and secure to wall or floor. Use anchor bolts or vacuum system | Ergonomics, noise, dust | vacuum to controll dust during setup |
| 4- Core Drilling | Falling cores, noise, concrete (silica) dust in air. Drill catching - twisting wrist, flying particles in air. Drilling into unknown live electrical conduit. Unintended shock. | Protect area below and guard area. Hearing protection with NRR 22 or higher. Ensure base is secure with vaccum or anchor bolt. Use boot and wet methods |
| | Wet surfaces - slips, trips & falls | |
| | | |
| Additional Personal Protective Equipment Req'd | face shield chemical goggles chemical protective clothing rubber boots chemical resistant gloves <u>leather gloves</u> cut resistant gloves respiratory protection arm protection <u>hearing protection</u> fall protection Other <u>Eye/Hearing protection</u> N/A | |
| Required Permits/Safe Work Plans | Hot Work Permit Confined Space Entry Excavation and Trenching Lift Plan Work in proximity to Overhead Conductors Simultaneous Operations Other _____ N/A | Check area for piping/conduit |
| Gas Detection Equipment Needed | H2S monitor LEL, O2, H2S, CO Monitor PID Other <u>N/A</u> | |
| List hazardous substances SDS reviewed? <u>N/A</u> | | |
| Site Control | <u>barricades</u> <u>post signs</u> <u>caution tape</u> designated area for vehicles heavy equipment spotter establish meet and greet process Other N/A | |
| Environmental Conditions | Weather: <u>Inside</u> Terrain: <u>NA</u> Wildlife: <u>NA</u> | |
| Hazardous Energy Control | <u>LO/TO checklist complete</u> <u>LO/TO devices in place</u> energy isolation verified Stored Energy electrical hydraulic pneumatic mechanical thermal chemical Line Of Fire | |
| Tools and Equipment | <u>pre-use inspection complete</u> <u>trained in use of tool/equipment</u> List tools/equipment being used: <u>Core drill, vacuum</u> | |
| | | |

PPE - Hearing protection, leather gloves, Eye protection, Leather boot, composite toe