

Job Hazard Analysis

(Always Wear Proper PPE)

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| Project: | Superintendent: |
| Task: Foundation Backfill | Date: |

| Step | Potential Hazards | Safe Procedures/Crew Responsibilities |
|---|--|---|
| Preparation | | <ul style="list-style-type: none"> • Designate a Competent Person or persons • Complete Demolition Plan per OSHA regulations • Review P3 (Preparation Planning Procedures) and Hazard Analysis with crew • Complete and review STA's daily • Assess location and conditions* |
| | Danger from working in close proximity to others | <ul style="list-style-type: none"> • Discuss scheduling conflicts and hazards involving the work of other contractors with GC or owner's rep, and resolve • Do not allow other trucks to work overhead without proper overhead protection |
| Install underdrain and insulation as required | Water in foundation hole | <ul style="list-style-type: none"> • Dewater hole before entering to perform work** |
| Backfill both sides of the wall evenly with approved backfill material | Cuts from metal ties left in concrete wall | <ul style="list-style-type: none"> • Snap off all form ties |
| | Impalement injuries from uncapped rebar | <ul style="list-style-type: none"> • All vertical rebar below head level will be protected, bent over, or cut off during backfilling operations |
| Compact material in specified lift thickness to required density | Falling or tripping into foundation hole | <ul style="list-style-type: none"> • Good housekeeping in work areas • Use barricades, guardrails, or personal fall protection as needed to eliminate fall hazards over 6' • Use secured ladder(s) in good condition for access into hole |

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| Compact material in specified lift thickness to required density continued | Damage to overhead utilities | <ul style="list-style-type: none"> Follow the 10' overhead clearance rule Use signs or flagging to warn truck drivers of overhead lines in dump areas |
| | Personnel struck by equipment or trucks | <ul style="list-style-type: none"> Ensure back up & travel alarms are working and loud enough Keep spectators out of the work area All employees wear high-visibility vests at all times Maintain eye contact with operators and drivers Give machines and trucks the right of way |
| | Struck by backfill materials | <ul style="list-style-type: none"> Stay a safe distance away from loading, dumping, placing, and compaction operations |
| | Hit by rocks falling off side of truck being loaded | <ul style="list-style-type: none"> Truck drivers stay in haul unit while being loaded Stay off truck step and /or ladders while being loaded |
| | Strains from moving heavy tamps or from shoveling | <ul style="list-style-type: none"> Do not lift equipment over 50 pounds without help Train personnel on safe and proper way to do the work Stretch often, and before lifting |
| | Rigging failure lifting tamps | <ul style="list-style-type: none"> Competent person inspects straps and uses proper rigging procedures |
| | Injuries from Jumping Jack compaction equipment | <ul style="list-style-type: none"> Train personnel how to use equipment safely |
| | Pinch Points | <ul style="list-style-type: none"> Training and awareness |
| | Noise from compaction equipment | <ul style="list-style-type: none"> Use proper hearing protection |

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| Other Steps (if any): | Other hazards | <ul style="list-style-type: none"> • Other Safe Procedures: <p>*1.) If work is to be performed in a travel way, complete and follow Work in Travel Way Job Hazard Analysis</p> <p>2) If Hazardous Materials are encountered, cease work, secure work area and notify Superintendent and/or appropriate personnel immediately</p> <p>** For dewatering operations, refer to 'Dewatering' JHA</p> |