



PURPOSE/APPLICATION

To cut and/or removal of existing piles.

PPE

- FR Coveralls
- Hard tie CSA approved boots
- Hard hat
- Safety glasses
- Gloves
- Personal monitors (if required)
- Face shield for welder's helper
- Fire blankets (if required)
- Hoe c/w qualified operator (G.D. level 2)
- Qualified welder c/w welding rig.

TRAINING

TOOLS/EQUIPMENT

- Plate for caps
- Shovels
- Ladder (if required)
- Signage and barricades (if required)
- Insure all units are equipped with Fire Extinguishers

#	Job Steps	Hazards	Control Measures
1	Obtain Work Permit/ Ground disturbance permit/ Copy of line locates. (If applicable.)	Incorrect or inadequate information	<ul style="list-style-type: none"> ▪ All appropriate information and hazards will be listed on all permits prior to starting tasks.
2	Ensure operator and signal person have Ground Disturbance Supervisor level 2. Hold Tailgate meetings for all parties involved. Complete Task Hazard Assessments.	Personal not qualified. Other parties not aware of task being performed.	<ul style="list-style-type: none"> ▪ Obtain copy of ticket ▪ Notify all personnel in area of task. Ribbon off area and post signage (if required). Signal person, in high-visibility vest and air horn. ▪ Be in constant visual communication with the operator.
3	Ensure area is free of underground facilities. Scope area for any other potential dangers. I.e. Power lines, Pipeline Crossing.	Hit underground pipe/wire. Overhead Power lines	<ul style="list-style-type: none"> ▪ Review with client to ensure Alberta 1 call had been notified, and have documentation of area sweeps on site. ▪ Hydro-vac (if required). ▪ Make sure Power Line markers are in place.
4	Dig bell hole around pile to desired depth. Determine what type of pile is embedded.	Hit underground pipe/ wire Screw piles vs. pounded piles There will be potential tripping hazards. Do to spill pile and frost lumps that are pulled out of bell hole	<ul style="list-style-type: none"> ▪ Double check documentation/ measurements/ hydro vac. (if required) ▪ Screw piles are cut below grade and capped. Do not try to remove. (Fleets on piles will not allow it to be pulled). ▪ Pay attention to your footing. ▪ Make sure spotter has eye contact with equipment operator
5	Set out fire extinguisher	Fire explosion, flammable material such as Oxy/Acc cutting. Possibility of spray cans put down piled when pounded, Possibility of other unknowns as well.	<ul style="list-style-type: none"> ▪ Set up extinguishers. ▪ Make sure all flame arresters are on regulators. ▪ When cutting do not put any body parts over the pile.

#	Job Steps	Hazards	Control Measures
6	Remove old pipe and or cap pile.	Under rated equipment and improper rigging. Welding sparks Heat potential burn hazards.	<ul style="list-style-type: none"> ▪ Have all proper PPE for welding and grinding. ▪ Only experienced operators of equipment. ▪ Have two workers completing task. ▪ Use correct tools for the task. ▪ All tools are in good working order. ▪ Maintain housekeeping at all times. ▪ Determine type of rigging and equipment to remove the pile. ▪ Make sure slings are rated for the rate. ▪ Complete CF – 252 Planned Lifts form with Supervisor / Foreman. ▪ Refer to proper manuals i.e.: "Handbook for Riggers", "Metal Trades Handbook"
7	Fill in Bell Hole	Frost Lumps, Slips Trips Heavy equipment working.	<ul style="list-style-type: none"> ▪ Watch footing, Break up all frost lumps prior to back filling. ▪ Eyes and mind on task. ▪ Make sure spotter has eye contact with operator. ▪ Stay out of the line of fire. ▪ Make sure bell hole is smooth with no tripping hazards.

Additional Precautions:

REFERENCE/REGULATIONS

- Alberta OH&S Code:
 - Part 2 Hazard Assessment, Elimination And Control
 - Part 3 Specifications And Certifications
 - Part 6 Cranes, Hoists And Lifting Devices
 - Part 7 Emergency Preparedness And Response
 - Part 10 Fire And Explosion Hazards
 - Part 14 Lifting And Handling Loads
 - Part 18 Personal Protective Equipment
 - Part 19 Powered Mobile Equipment
- British Columbia OH&S Regulations:
 - Part 4 General Conditions
 - Part 8 Personal Protective Clothing And Equipment
 - Part 14 Cranes And Hoists
 - Part 15 Rigging
 - Part 16 Mobile Equipment
 - Part 20 Construction, Excavation And Demolition
- Saskatchewan OH&S Act And Regulations:
 - Part 7 Personal Protective Equipment
 - Part 11 Powered Mobile Equipment
 - Part 13 Hoists, Cranes And Lifting Devices
 - Part 14 Rigging
 - Part 25 Fire And Explosion Hazards

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