



Corporate Hazard Identification & Risk Control

HIRA #
15.72

Underground Hazards

Applicable Zones:	Project	X	Yard		Office		Asphalt Plant	
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HAZARD(S)

- Collapse (P)
- Injury (P)
- Bury (P)

PRE-CONTROL RISK

Likelihood 4	Consequence 5	Pre-Control Risk 20
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CONTROLS

Elimination	No machine digging within 1m of utilities. Must be hand dug to daylight utilities.
Substitution	
Engineering	Support all utilities in trench with proper procedures. Consult utility owner if necessary.
Administrative	Ensure J-AAR crews are in possession of valid locates before work commences.
PPE	High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be always worn.

POST CONTROL RISK

Likelihood 2	Consequence 5	Post-Control Risk 10	Risk Reduction 10	Critical or Not Critical Yes
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LEGISLATIVE REFERENCES

O.Reg 213/91: S104
O.Reg 213/91: S106
O.Reg 213/91: 228
O.Reg 362/05: S.20

OTHER STANDARDS & REFERENCES

J-AAR Manual
P2.11.5
P2.11.10
P2.12.11.4
P2.12.11.5
P2.12.11.10