



Corporate Hazard Identification & Risk Control

HIRA #
15.53

Missing or Improper Sloping & Shoring

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

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

PRE-CONTROL RISK

Likelihood 4	Consequence 5	Pre-Control Risk 20
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CONTROLS

Elimination	Soil Type needs to be determined and reassessed throughout project to maintain correct protection.
Substitution	Use excavator as much as possible for digging and shoring of side walls.
Engineering	Trench boxes and shoring need to be engineered and designed for site use.
Administrative	Follow regulatory requirements for Sloping and Shoring on excavation projects.
PPE	High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be worn at all times.

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: S. 87-92
 O.Reg. 213/91: S.157
 O.Reg. 213/91: Part III
 O.Reg. 213/91: S. 278-280

OTHER STANDARDS & REFERENCES

J-AAR Manual: P2.11.10
 J-AAR Manual: P2.12.11.10