



Corporate Hazard Identification & Risk Control

HIRA #
15.19

Electrical Hazards (Overhead)

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

- Electric Shock (P)
- Burns from Electric Shock (P)
- Property Damage (P)
- Fire from flammable materials contact with Electric Source (P)
- Arc Flash (P)

PRE-CONTROL RISK

Likelihood 3	Consequence 5	Pre-Control Risk 15
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CONTROLS

Elimination	Inspect all equipment before use. If there is damage lock and tag out defective tools/cords. Always use a spotter if there is a risk of coming into contact/within the prescribed distance with power lines.
Substitution	
Engineering	Utilize grounding measures, if possible, on all equipment.
Administrative	Follow J-AAR's Electrical Hazards Policy
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 5	Critical or Not Critical Yes
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LEGISLATIVE REFERENCES

- O.Reg 213/91: S141.5 (2.h)
- O.Reg 213/91: S181-1953
- O.Reg 213/91: S274-277
- O.Reg 213/91: S346-349

OTHER STANDARDS & REFERENCES

J-AAR Manual
P1.4.7 P1.5.4.7
P1.4.12 P1.5.4.12
P2.11.4 P2.12.11.4