



Corporate Hazard Identification & Risk Control

HIRA #
15.15

Cranes

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

- Equipment Failure (P)
- Struck by load or equipment (P)
- Improper rigging of load, causing drop (P)

PRE-CONTROL RISK

Likelihood 3	Consequence 5	Pre-Control Risk 15
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CONTROLS

Elimination	Do not lift over employees. Can material be taken by hand?
Substitution	Use hand-carts or floor jacks where possible
Engineering	Ensure lifting equipment is properly rated and thoroughly inspected prior to each use
Administrative	Follow J-AAR Crane safety policy, and follow all regulations pertaining to crane use. All lifts to be preplanned with J-AAR supervisor.
PPE	Hard hats and gloves required. Tag lines may be used in windy conditions

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: S149-156.1
- O.Reg 213/91: S157-165
- O.Reg 213/91: S168-180

OTHER STANDARDS & REFERENCES

J-AAR Manual
P2.11.3
P2.11.7
P2.12.11.3
P2.12.11.7