



# Corporate Hazard Identification & Risk Control

HIRA #  
15.12

## Concrete Handling

<b>Applicable Zones:</b>	Project	<del>X</del>	Yard		Office		Asphalt Plant	
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### HAZARD(S)

- Chemical Burns (H)
- Musculoskeletal Disorders – repetitive motion/awkward positioning (P)
- Struck By (P)
- Noise Exposure (P)
- Equipment Failure (P)

### PRE-CONTROL RISK

Likelihood 3	Consequence 5	<b>Pre-Control Risk 15</b>
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### CONTROLS

<b>Elimination</b>	Do not carry out concrete delivery if formwork has not been inspected by a qualified engineer.
<b>Substitution</b>	
<b>Engineering</b>	Use proper lifting techniques and policies. Be aware of hazards such as powerlines, stability of ground, blind corners, protrusions etc.
<b>Administrative</b>	Use a spotter for backing trucks into staging area
<b>PPE</b>	High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be worn at all times. Hearing Protection recommended for spotters

### POST CONTROL RISK

Likelihood 1	Consequence 5	<b>Post-Control Risk 5</b>	Risk Reduction 10	Critical or Not Critical No
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#### LEGISLATIVE REFERENCES

- O.Reg 213/91: S35-36
- O.Reg 213/91: S87-92
- O.Reg 213/91: S157;7-9

#### OTHER STANDARDS & REFERENCES

J-AAR Manual  
P2.11.3 P2.12.11.3  
P2.11.6 P2.12.11.6  
P2.11.7 P2.12.11.7  
P2.11.8 P2.12.11.8