



Corporate Hazard Identification & Risk Control

HIRA #
15.13

Concrete/Asphalt Chipping, Cutting and Removal

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

- Exposure to Silica (H)
- Potential exposure to Asbestos containing material (H)
- Lacerations from cutting equipment (P)
- Exposure to noise over 85db (H)

PRE-CONTROL RISK

Likelihood 2	Consequence 5	Pre-Control Risk 10
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CONTROLS

Elimination	If Asbestos Containing Material concrete pipes are discovered during the course of concrete removal STOP work and follow J-AARs asbestos in the workplace procedure. (P1.4.2)
Substitution	
Engineering	If possible use heavy equipment to break apart and remove concrete or asphalt.
Administrative	Follow J-AARs SJP for using quick cut saws.
PPE	Wear appropriate respiratory protection when cutting concrete. See J-AAR SJP-08 for proper care and maintenance for respirators. Use Hearing Protection

POST CONTROL RISK

Likelihood 1	Consequence 5	Post-Control Risk 5	Risk Reduction 5	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
P1.4.2 P1.5.4.2.
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