



Corporate Hazard Identification & Risk Control

HIRA #
15.59

Propane Use in Construction

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

- Gas Leak (H)
- Explosion (P)
- Risk of Property Damage (P)

PRE-CONTROL RISK

Likelihood 3	Consequence 5	Pre-Control Risk 15
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CONTROLS

Elimination	
Substitution	Use an electrical device instead where possible.
Engineering	All connections made must be tested for leaks
Administrative	Consult SDS before handling for proper PPE and safe handling procedures.
PPE	High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be worn at all times.

POST CONTROL RISK

Likelihood 1	Consequence 5	Post-Control Risk 5	Risk Reduction 10	Critical or Not Critical No
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LEGISLATIVE REFERENCES

WHMIS Legislation
O.Reg 213/91: S. 42-43
O.Reg 854: S. 30

OTHER STANDARDS & REFERENCES

J-AAR Manual: P1.3.14
J-AAR Manual: P1.4.8
J-AAR Manual: P1.4.19