



# Corporate Hazard Identification & Risk Control

HIRA #  
15.68

## Torch Cutting and Welding

<b>Applicable Zones:</b>	Project	<input checked="" type="checkbox"/>	Yard	<input checked="" type="checkbox"/>	Office	<input type="checkbox"/>	Asphalt Plant	<input checked="" type="checkbox"/>
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### HAZARD(S)

- Fire Risk (P)
- Use of Propane (H)
- Risk of Property Damage (P)
- Gas Leak (H)

### PRE-CONTROL RISK

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

- Elimination** Hire a contractor to complete work that you cannot complete safely.
- Substitution** Ensure that the cost and risk of the task isn't offset by the cost of purchasing new.
- Engineering** All torches, welders, tanks, hoses must be inspected and checked for leaks before use.
- Administrative** Hot Work Permit required for the task.
- PPE** High Visibility Clothing, Hard Hat & Safety Boots at a minimum must be always worn.

### 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

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