**Safe Work Practice Propane Torch**

| **Department/Area:** | **Approved by:** | **Date Created:** | **Review/Revision Date:** |
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| insert text here |  |  |  |

| **Potential Hazard** | **Risk level** |
| --- | --- |
| Awkward/sustained postures - bend, reach, lift |  |
| Forceful exertions - lifting |  |
| Repetitive movements |  |
| Vibration |  |
| Compression |  |
| Sharp points/edges - sharp materials |  |
| Pinch points - bin lids |  |
| Materials falling - bin lids |  |
| Surfaces causing falls - icy, snow in winter |  |
| Moving machinery |  |
| Chemicals |  |
| Biological pathogens - contact with waste |  |
| Electrical |  |
| Extreme heat/cold |  |
| Noise |  |
| Combustibles/flammables |  |
| Risk of falling |  |
| Other |  |

| **Risk control devices, personal protective equipment, and other safety considerations** | **Training/Reference info** |
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A flame from a propane torch can reach temperatures of over 1093˚c. Workers applying torch on products can receive serious burns from both the torch flame and the hot modified bitumen sheets they are applying.

* When using a torch, workers must wear additional protective clothing (gloves, eye protection).
* Prior to use, ensure that the torching equipment is in good working order and the cylinder valves are clean. Check that fittings, hoses and heads are secure.
* DO NOT USE defective equipment.
* Use soapy water to check connections for leaks.
* Only use a spark lighter or electronic starter to light a torch.
* Protect the propane hose from damage by:
	+ Keeping torch flame away from hose.
	+ Keeping hose free of kinks.
	+ Not running over hose with equipment.
	+ Not using the hose to lift the cylinder.
* A torch flame is difficult to see in daylight, be aware of and keep away from the flame. 8. NEVER LEAVE AN OPERATING TORCH UNATTENDED.
* Other than the operator, all workers should stay at least 1 meter away from the torch.
* Set torch units into support leg position when not in use.
* To shut off the torch, close cylinder valve first, let gas burn out, close torch valve.
* At the end of the day, disconnect hoses and store properly.