

**SAFE WORK PRACTICE**

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| <b>TITLE</b>                     | Propane Torch Use  |
| <b>GENERAL</b>                   | Protecting workers from injuries associated with propane torch use   |
| <b>APPLICATION</b>               | As per job description   |
| <b>PROTECTIVE MECHANISMS</b>     | Safe work procedure<br>Manufacturers recommendations   |
| <b>SELECTION AND USE</b>         | As per safe work procedure<br>Manufacturers specifications   |
| <b>SUPERVISOR RESPONSIBILITY</b> | To facilitate and/or provide proper instruction to their workers on Protection, requirements and training.   |
| <b>WORKER RESPONSIBILITY</b>     | <p>A flame from a propane torch can reach temperatures of over 1093°c. Roofers applying torch on products can receive serious burns from both the torch flame and the hot modified bitumen sheets they are applying.</p> <ol style="list-style-type: none"> <li>1. When using a torch, workers must wear additional protective clothing (gloves, eye protection).</li> <li>2. Prior to use, ensure that torching equipment is in good working order and the cylinder valves are clean. Check that fittings, hoses and heads are secure.</li> <li>3. DO NOT USE defective equipment.</li> <li>4. Use soapy water to check connections for leaks.</li> <li>5. Only use a spark lighter or electronic starter to light torch.</li> <li>6. Protect the propane hose from damage by: <ul style="list-style-type: none"> <li>▪ Keeping torch flame away from hose.</li> <li>▪ Keeping hose free of kinks.</li> <li>▪ Not running over hose with equipment.</li> <li>▪ Not using the hose to lift the cylinder.</li> </ul> </li> <li>7. A torch flame is difficult to see in daylight, be aware of and keep away from the flame.</li> <li>8. NEVER LEAVE AN OPERATING TORCH UNATTENDED.</li> <li>9. Other than the operator, all workers should stay at least 1 metre away from the torch.</li> <li>10. Set torch units into support leg position when not in use.</li> <li>11. To shut off torch, close cylinder valve first, let gas burn out, close torch valve.</li> <li>12. At the end of the day, disconnect hoses and store properly.</li> </ol> |

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