



# ***GOOD SAFETY PRACTICES***

Northern Region Safety & Occupational Health

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## **DRIP TORCH**



As one might imagine, there are some safety precautions involved in using a drip torch. The torch itself has a check valve to control the flow of fuel through the igniter, as well as valves and safety features which prevent flame from traveling backwards up the nozzle and igniting the tank. Highly stable fuels used to reduce the risk of unwanted ignition, such as diesel helps to keep the heat on the wood or fuels instead of burning up in the air as gas vapor. Gasoline is the most volatile of the two fuel mixtures (vapors). Always use appropriate fuel mix and be aware of the changing weather and burning conditions. (In lower humidity use less gasoline). Insure the fuel mixture is the proper mixture for the environmental conditions and shake the container of fuel prior to refilling the torches to insure the gasoline and diesel are mixed. Know your fuel mixture being used. Select the best fuel mixture ratio for the task. (See 25.14c of the Health and Safety Handbook)

- 1 gallon gasoline to 3 gallons of diesel - **CAUTION**
- 1 gallon gasoline to 4 gallons of diesel
- 1 gallon gasoline to 5 gallons of diesel

While using a drip torch, it is necessary to wear full protective gear, including fire-resistant clothing keep sleeves rolled down, gloves, hardhat, eye protection and boots. Keep the drip torch away from your body, clothing, and boots. Always carry the drip torch upright with spout forward until ready for use. Always carry the drip torch only by the handle only.

Extinguish the torch by setting it upright and letting the wick burn dry. To open, place the torch on the ground without bending over the torch or holding in proximity of the body. When not in use secure the spout inside the tank after the torch has completely cooled, with seals closed.

Everyone needs to coordinate to ensure that the location of everyone on scene is known, their activities. **Lighter up and Keep it Safe!**

***JOURNEY TO NO HARM***