

SAFE JOB PROCEDURE

Job Description: Propane Torch (Tiger Torch, Roofing Torch, Tar Kettle Torch)

Hazards Present: Fire Hazard, Freeze Burns from Propane

PPE Required: Work Gloves, Fire Extinguisher,

Note: Operators of equipment must be trained and deemed competent, must demonstrate operational competency and/or have received approval from their immediate supervisor. Operators must wear the proper PPE as required and be familiar with the location of the use of a fire extinguisher.

SAFE JOB PROCEDURE

1. Conduct a pre-starting inspection of equipment and work area;

- ✓ Make sure work area is free of debris, clutter and no flammables are present.
- ✓ Ensure that a fire extinguisher is readily available.
- ✓ Inspect propane tank and all components of the torch system for any signs of wear or damage.
- ✓ If damage to any equipment is suspected it should be tagged out and the supervisor notified.

2. Place the propane tank in a secure upright position;

- ✓ Keep tank as far away from your work as reasonably possible, this will be generally determined by the length of hose on your torch. (50 to 1000 feet)

3. Connect the torch hose to the propane tank;

- ✓ Make sure that the regulator on the torch is fully closed.
- ✓ Use an appropriate wrench to securely tighten the fittings, pliers or vice grips should not be used as they can slip and damage the brass fittings on your torch system.

4. Open the valve on the propane tank;

- ✓ Do not regulate the flow of propane from the tank valve, this valve must be fully opened at all times.
- ✓ Once the tank valve is opened and the lines are charged with propane, the entire system should be inspected for leaks.
- ✓ If a leak is detected, close the valve on the propane tank and repair or replace the leaking component.

5. Extinguish torch after use;

- ✓ Do not leave a lit torch unattended.
- ✓ A torch that will be temporarily out of use can be extinguished by closing the regulator on the torch.
- ✓ A torch that will out of use for longer periods of time should be extinguished by closing the tank valve, this will use up any propane that is left in the torch hose.
- ✓ A torch that will no longer be used should be disconnected from the propane tank, the hose should be coiled up and returned to its proper storage location.

6. Conduct a post operational inspection;

- ✓ Inspect all components of the torching system after use for any damage.
- ✓ If there is any damage, the damaged item should either be repaired or replaced, and the supervisor notified.
- ✓ Maintain good housekeeping and clean up your work area.