

## LANSARD BROS. ROOFING LTD. – SAFE JOB PROCEDURES

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

**Hazards Present:** Burns, Fire Hazard, Freeze Burns From Propane

**PPE Required:** Work Gloves, Fire Extinguisher

**Note:** Operators of equipment must be trained, demonstrate operational competency and/or have received approval from their immediate supervisor. Operators must be wearing the proper PPE as required and be familiar with the location of the nearest exit, first aid station and 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 there are no flammables present
- Ensure there is a fully charged fire extinguisher readily available
- Inspect propane tanks and all components of your torch system for any signs of wear or damage
- If damage is noticed or suspected, prevent item from further use and notify the immediate supervisor
- Make sure you have the right type of propane tank for the torch in use (either liquid or vapor)

#### **2. Place propane tank in a secure upright position**

- Keep tank as far away from your work area as reasonably possible; this will be generally determined by the length of hose on your torch

#### **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 making future installation or removal difficult

#### **4. Open the valve on the propane tank**

- Do not regulate the flow of propane from the valve on the tank; this valve must be fully opened
- 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 noticed, close the valve on the propane tank; either repair or replace the leaking component

#### **5. Ignite the propane torch**

- Make sure that the torch is aimed in a safe direction
- Have a striker on hand
- Slowly open the regulator on the torch
- As soon as propane starts to flow from the torch, ignite it with a striker (do not use matches or a lighter)
- Use the regulator to adjust the flame to the desired intensity

#### **6. 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 be out of use for longer periods of time should be extinguished by closing the valve on the propane tank; 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 to reduce trip hazards

#### **7. Conduct a post operation inspection**

- Inspect all components of the torch system after use
- If there is any suspected damage, the item should be repaired or replaced; notify the immediate supervisor
- Maintain good housekeeping and clean up your work area