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PROPANE CHARACTERISTICS

PROPANE FACTS

- Propane Chemical element formula - C₃H₈
- Propane is non-toxic.
- Propane is naturally colorless and odorless.
- Propane is heavier than air.
- Propane is in both liquid and vapor states.
- Propane is stored in a liquid and a vapor states.
- The boiling point of Propane is -44° Fahrenheit.
- Propane contains 91,690 BTU's per gallon (vaporized).
- Propane contains 21,591 BTU's per pound.
- Specific gravity @ 60° F of Propane vapor (Air = 1) 1.50
- Specific gravity @ 60° F of Propane Liquid (Water = 1) 0.504.
- The odorant used in propane is Ethyl Mercaptan 0.5 ppm.
- Propane weight is 4.2 pounds per gallon @ 60° Fahrenheit.
- Propane is listed as refrigerant R-290
- Propane has an expansion rate of 270:1

1. Inspect propane equipment prior to each use.
2. Secure cylinders in a level, upright position. DO NOT lay cylinders on their side.
3. DO NOT apply heat to cylinders to increase pressure.
4. Never leave a lighted torch unattended.
5. Never hoist a cylinder by its valve.
6. When extinguishing a torch, close cylinder valve and allow gas to burn out of lines.

CAUTION:

- Propane is heavier than air which causes it to accumulate in low areas. Be certain all areas are well ventilated.
- Propane has a distinct odor. If you smell it, immediately discontinue work, extinguish all flames and sources of ignition.

WARNING

- Use extreme caution at all times. You are using an intense open flame. Disregard of safe practices can result in severe fire damage, serious personal injury or death.