**Toolbox Talk Propane Tanks Safety**

**Topic: Handling and Use of Propane Tanks**

**Key safety points for discussion:**

1. Do not transport tanks inside a vehicle and do not transport more than 5 tanks at one time. Be sure to secure the load to prevent movement.
2. Damaged tanks or tanks older than five years should be taken to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for disposal.
3. Before using the tank, check the service life date stamp. Do not smoke in the storage area or within 15 meters of a propane unit that is in use.
4. Always inspect valves and hoses prior to use.
5. Propane must be stored in a designated weather protected area. Temperature protection (i.e. from freezing) is not necessary in our climate for an undamaged tank.
6. Use the appropriate wrench when tightening the hose to the tank. Do not use pliers

**Propane safety**

1. Don't enter an area where you suspect a gas leak. If you are in such an area, leave immediately! Don’t allow others to enter the area.
2. Do not try to judge for yourself the level of danger of a gas leak by trying to determine if one smell of gas is weak or strong. All gas leaks pose a risk.
3. Be alert for propane odor when working in areas where propane is used. Even a faint odor may indicate a hazardous situation.
4. Repeated pilot light outages could indicate a hazardous condition. Don't attempt to re-light the pilot, or service your equipment. Call \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Don't tamper with or use tools to operate controls. If controls are difficult to operate by hand, call \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Keep combustible products like gasoline, kerosene, or cleaners in a separate room from propane appliances. Your appliance pilot lights could ignite fumes from these combustibles.
6. Contact with propane vapours can cause surface burns to your skin. Wear gloves when there is a possibility of danger of contact with the vapours.

**Did you know**

1. For every 10 degrees F. rise in temperature, propane volume is increased by 2.5%.
2. Liquid propane will expand to 270 times its volume when vaporized.
3. Propane is heavier than air but lighter than water.

**Summary**

1. Is it safe to smoke near a propane storage area or where propane is in use?

No. Do not smoke in the storage area or within 15 meters of a propane unit that is in use

2. Should propane tanks be transported inside a vehicle?

NO,. Do not transport tanks inside a vehicle and do not transport more than 5 tanks at one time.

3. At what age should you dispose of propane tanks?

Five years old