

SAFE WORK PRACTICES

FORKLIFT TRUCKS – HANDLING LPG FUEL

**This information does not take precedence over OH&S. All employees should be familiar with the Saskatchewan Employment Act and the OH&S Regulations.*

1. Position tank so liquid does not come in contact with the relief valve.
2. Check to see locking pin engages into cylinder.
3. Store cylinders outside, in an upright position in an area where they can be secured and protected from being struck. Remember valve should be closed tightly.
4. Put cylinder down gently – do not drop it. Always protect the valve.
5. Avoid contact with propane – rapid vaporization causes frostbite. Wear protective gloves while making or breaking connections.
6. Use only components approved by the Canadian Gas Association (CGA), Canadian Standards Association (CSA), Canadian Transport Commission (CTC), Underwriters Laboratories Inc. (UL) or Underwriters Laboratories Canada (ULC).
7. Ensure that repairs to the carburetor or fuel supply system are done by a qualified propane serviceman or mechanic.
8. Exchange removable cylinders outdoors or in well ventilated areas, away from sources of ignition.
9. Close valve before breaking connections.

Changing Fuel Tanks:

- Wear eye protection and leather gloves.
- Close valve on cylinder.
- Run engine until it stops. This ensures that the connection hose is empty.
- Shut off engine.
- Open connecting nut (inspect valves for leaking). Do not use metal tools.
- Disconnect hose and holding straps.
- Remove empty cylinder.
- Replace with a full cylinder in proper position.
- Connect holding straps.
- Tighten connecting nut (wiggle hose).
- Open valve on cylinder slowly and check for leaks. Use soap water solution. Smell, listen, look.
- If the valve leaks, re-follow this procedure. If it continues to leak, change the cylinder. If changing the cylinder does not correct the problem, change the hose.
- Open valve fully (slowly).
- Check that hose is turned inward.
- Secure hose downward.
- Secure cylinder.
- Start motor and resume operation.

