



Safe Work Practice No.4

September 2002

Propane Handling and Storage

- Wear gloves and long sleeved shirt when handling propane cylinders.
- Do not smoke or have open flame around or near propane cylinders.
- Inspect propane cylinders for damage prior to use or filling. Cylinders containing dints or gouges to their walls larger than the size of a quarter shall not be filled or used.
- Inspect cylinder's protective collar and foot ring for broken welds or corrosion.
- Ensure that the cylinder valve outlet has a safety plug installed when not in use and that the cylinder safety relief valve is unobstructed.
- Handle propane cylinders in an upright position secured to wheeled carts/dollies. Avoid dropping, bumping or rolling cylinders on their sides.
- Store cylinders outside, at ground level, in a level upright position on an elevated base to prevent ground thawing and cylinder tipping.
- Do not store propane cylinders at roof level.
- Do not store propane cylinders indoors, in a heated, enclosed or inhabited space.
- Do not hoist propane cylinders to roof level by their cylinder valves or protective collars. Use a properly designed propane cylinder-hoisting cage at all times.
- Do not attempt to deliver propane cylinders to roof level by carrying them up extension ladders.
- Keep the area around propane cylinders clear and avoid placing roofing materials or clothing on top of cylinders.
- Place a charged ABC type fire extinguisher in the work area. Do not place the extinguisher next to the propane cylinder.
- Complete a Transportation of Dangerous Goods (TDG) training program when handling, offering for transport or transporting propane.