



# Dispensing Propane Safely Post Filling Cylinders





# Post-Filling Procedures

**PROPANE**

**DANGER**

EXTREMELY FLAMMABLE GAS. CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED. MAY CAUSE FROSTBITE. MAY FORM EXPLOSIVE MIXTURES IN AIR. MAY DISPLACE OXYGEN AND CAUSE RAPID SUFFOCATION.




**PREVENTION**  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**RELEASING**  
LEAKING GAS FIRE: Do not extinguish, unless leak can be closed without creating an ignition source. If safe to do so:

**STORAGE**  
Protect from sunlight when ambient temperature exceeds 121°C (250°F). Store in a well-ventilated place.

**DISPOSAL**  
Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.  
For more information, visit www.3M

**PROPANE UN 1075**

**DANGER**

KEEP AWAY FROM HEAT, FLAMES AND SPARKS. KEEP OUT OF REACH OF CHILDREN



OVER EXPOSURE TO ANAESTHETIC CAN CAUSE STUPOR OR LOCUS COERUS. PROTECTIVE RESPIRATORY ACTION AND EYE PROTECTION MUST BE PROVIDED. MOVE TO FRESH AIR AND APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED

**DO NOT REMOVE THIS LABEL**

## PROPANE



CONSULT CORRESPONDING MSDS FOR FURTHER INFORMATION AND INSTRUCTIONS

AFFIX TO ALL PORTABLE CONTAINERS USED BY COMMERCIAL CUSTOMERS

- Extremely Flammable Gas
- Heavier than Air
- Simple Asphyxiant
- Odorized to warn of its presence
- Contact with Liquid will cause Freezing of Tissue
- P.E.L. 1000 PPM
- Store container outside and keep cool (under 130°F)
- Turn off container valve when not in use

PERSONAL PROTECTION




Goggles  
Gloves

# Shipping Label





# Consumer Information Warning Labels

**⚠ DANGER** —FLAMMABLE GAS UNDER PRESSURE • LEAKING LP-GAS CAN CAUSE A FIRE OR EXPLOSION IF IGNITED • CONTACT LP-GAS SUPPLIERS FOR REPAIRS OR DISPOSAL OF THIS CYLINDER OR UNUSED LP-GAS • FOR OUTDOOR USE ONLY • DO NOT USE OR STORE CYLINDER IN A BUILDING, GARAGE OR ENCLOSED AREA.

**Customer Warning:**

- Know the odor of LP-gas. Under certain circumstances, you may not be able to smell the odorant. If you hear or smell leaking LP-gas, immediately get everyone away from the cylinder and call the fire department.
- Caution your LP-gas supplier to:
  - purge the cylinder of trapped air prior to first filling
  - check the cylinder requalification date
  - be certain not to overfill the cylinder
- LP-gas is heavier than air and can settle in low places while dissipating.
- Contact with the liquid contents of the cylinder will cause freeze burns to the skin.
- Do not allow children to tamper or play with the cylinder.
- When the cylinder is not connected for use, keep the valve turned off. If your cylinder valve looks like the POL TYPE (Figure 3) and is of 45 lb. LP-Gas capacity or less, the outlet must also be plugged.
- Do not use, store or transport cylinder where it could be exposed to high temperatures. Relief valve can open allowing a large amount of flammable gas to escape.
- When transporting, keep cylinder secured in an upright position with cylinder valve turned off. If the cylinder is of 45 lb. LP-Gas capacity or less and looks like the POL TYPE (Figure 3), the outlet must also be plugged.
- Self-contained outdoor cooking appliances must be limited to one cylinder of 20 lbs. LP-Gas capacity or less.

**When Connecting For Use:**

- Use only in compliance with applicable codes.
- Read and follow appliance manufacturer's instructions.
- If regulator has an internal threaded coupling nut and the cylinder valve has large outside threads, tighten the coupling nut by turning clockwise (TYPE 1-Figure 1). If regulator has a plug-in connection, pull valve sleeve back, insert male plug fully and release valve sleeve (TYPE 2-Figure 2). If the regulator has an external threaded coupling nut, it has left-hand threads and must be tightened by turning counter clockwise (POL TYPE-Figure 3).
- Turn off all valves on appliance.
- Do not check for gas leaks with a match or open flame.
- Apply soapy water at areas marked "X" after opening cylinder valve. If bubbles appear, close valve and have an LP-gas service person make needed repairs. Also check appliance valves and connections for leakage before lighting appliance.
- Light appliance(s) following manufacturer's instructions.
- When appliance(s) is not in use, keep cylinder valve closed.

**DO NOT REMOVE, DEFACE OR OBLITERATE THIS LABEL EXCEPT AS AUTHORIZED BY NFPA 58 OR B149.2 (in Canada)**

**TYPE 1**  
(Figure 1)

**TYPE 2**  
(Figure 2)

**POL TYPE**  
(Figure 3)

**LIQUEFIED PETROLEUM GAS UN 1075**

**THIS LP TANK IS EQUIPPED WITH A SAFETY RELIEF VALVE. DO NOT PLACE INSIDE ANY ENCLOSED OR HEATED AREA.**

**PROPANE**

**CONSULT CORRESPONDING MSDS FOR FURTHER INFORMATION AND INSTRUCTIONS AFFIX TO ALL PORTABLE CONTAINERS USED BY COMMERCIAL CUSTOMERS**

**PERSONAL PROTECTION**

- Extremely Flammable Gas
- Heavier Than Air
- Simple Asphyxiant
- Odorized to warn of its presence
- Contact with Liquid will cause Freezing of Tissue
- PEL 1000PPM
- Store container outside and keep cool (under 130 F)
- Turn off container valve when not in use

## PROPANE

**NFPA HAZARD RATING**

**HEALTH HAZARD** — **4** — **FIRE HAZARD**

**2** — **0** — **REACTIVITY**

4 — Severe  
3 — Serious  
2 — Moderate

1 — Slight  
0 — Minimal

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**PERSONAL PROTECTION**



# Shutting down a dispenser







Review: Take the Quiz

# Multiple Choice

**If a cylinder warning label is not legible or if the paper or plastic sleeve is removed during inspection, before releasing the cylinder to the customer, \_\_\_\_\_  
\_\_\_\_\_.**

- place a new cylinder warning label on it.
- have the customer sign a waiver.
- orally deliver safety information.
- contact the supervisor.

# Multiple Choice

**If a cylinder warning label is not legible or if the paper or plastic sleeve is removed during inspection, before releasing the cylinder to the customer, \_\_\_\_\_  
\_\_\_\_\_.**

- place a new cylinder warning label on it.
- have the customer sign a waiver.
- orally deliver safety information.
- contact the supervisor.

# Multiple Choice

**Consumer information/warning labels must be on all portable refillable cylinders not filled on site and with \_\_\_\_\_ pounds propane capacity or less.**

20

33

45

100

# Multiple Choice

**Consumer information/warning labels must be on all portable refillable cylinders not filled on site and with \_\_\_\_\_ pounds propane capacity or less.**

20

33

45

100

# Multiple Choice

**Regulations require that cylinders be labeled clearly with \_\_\_\_\_.**

- total filled weight
- shipping name and hazard class
- personal protection equipment (PPE) requirements
- no smoking warning

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