

Transporting Propane Cylinders

Be safe! When transporting propane, it's important that you follow some basic guidelines. Propane is a safe, clean burning and efficient energy source, but it is also one that has to be cared for properly. The following guidelines come directly from the Transportation of Dangerous Goods regulations.

About Your Cylinder



SECURE PROPERLY

Cylinders must be transported upright and secured so that it won't move around in a vehicle. Use a cylinder tote box, which is available from cylinder retailers.

WITH 10 YEARS OF WEAR, YOU'D BETTER BEWARE!

Cylinders must be re-qualified 10 years after the date of manufacture and every 10 years after that. If a problem occurs (damage, leaking, etc), contact your propane supplier or a certified propane technician.

PLUG OR CAP!

A cylinder having a propane capacity of 20 kg or less must be constructed to handle potential leaks or be equipped with a service valve that has a plug or cap. The plug or cap should be in place whenever the cylinder service valve is not connected by a hose to an appliance.

DON'T OVERFILL!

A cylinder must not be filled to more than 42% of its water capacity (approximately 80% full). If outside temperatures rise, a space must be left inside the cylinder for the propane to expand. Have your cylinder filled by a person who has been trained to do so.

STEER CLEAR OF OPEN FLAMES!

Keep your cylinder away from open flame or direct heat. *Better to be safe than sorry!*

Transporting Cylinders in a Vehicle



OPEN VEHICLE

In an open vehicle, transport your cylinder in an upright position and secured so the label displayed on the cylinder is visible from outside the vehicle.

ENCLOSED VEHICLE

In an enclosed vehicle, cylinders must be transported upright and secured. In a passenger vehicle, it must be secured upright on the rear floor with the window open or in the trunk inside a tote box and with the trunk partially open to ensure proper ventilation. Your cylinder retailer will have a latch for this purpose.

Either make a special trip to have your propane cylinders refilled or make it the last stop on your shopping route. It's never good to leave cylinders sitting for long periods of time in your vehicle.

Personal exemption permits you to transport propane cylinders for your personal use between the place of fill and your home.

NO MORE THAN FIVE

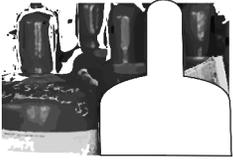
The maximum number of cylinders that can be transported is five.

In open vehicles, as long as the total combined mass of the propane & cylinders does not exceed 500 kg.

In enclosed vehicles, the maximum number of cylinders that can be transported is five, as long as each individual cylinder weighs a total of less 30 kgs. (66 lbs). A full, typical barbeque cylinder weighs approximately 17 kg (34.5 lbs).

If the limits are exceeded in either open or enclosed vehicles, your vehicle must be placarded as per the placard requirements, carry the appropriate supporting documentation and the people operating the vehicle must be appropriately trained.

Exemptions



PROPANE AS AN ENGINE FUEL

The regulations do not apply when propane is necessary for the operation of a vehicle.

PROPANE INTENDED FOR EQUIPMENT REPAIR, ANALYSIS OR TESTING

The regulations also do not apply when the gross mass of all the cylinders is less than 10 kg (22 lbs) and is intended to be for demonstration, equipment repair, analysis or testing. In this case, you are required to complete a shipping document, which must indicate the name and address of the consignor and the words "test sample". You must also mark the cylinders with the words "test sample" in letters not less than 25mm (1 inch) high and in a colour that contrasts with the background colour of the cylinder.

TRANSPORTATION WITHIN A FACILITY

Finally, regulations do not apply to propane that is transported solely within a manufacturing or processing facility to which public access is controlled.

If you can follow these simple rules, propane will prove to be a safe source of energy which can be utilized in many ways. If you have questions about propane, please check out the Propane Gas Association of Canada website:
www.propanegas.ca

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Transportation of Propane Cylinders

