



**R**oll Over Vehicle for Emergency Response (ROVER) is a specifically designed and constructed unit built to allow emergency response personnel and LPG industry employees to get “up close and personal” with the type of equipment used for the highway transportation of liquefied petroleum gas (LPG).

This trailer was constructed to simulate an MC 3331 LPG trailer. It has all the valves, piping, and emergency fittings found on highway tankers. What makes this unit different is that it rolls over and opens up to allow program attendees to climb inside the trailer and see it in a way they have never seen one before.

The half-day training session is composed of a classroom portion during which attendees will participate in a discussion of hazardous material safety, cargo tank identification and construction, the specific properties of LPG and the correct procedures for dealing with an LPG emergency.

Attendees will then move outside to ROVER, where they will participate in a walk-around inspection of the rolled over unit. All fittings and piping will be representative of both modern and older equipment. Participants will also be able to climb inside the unit through a specially constructed hatch to view cutaway valves and interior construction.

While the possibility of an LPG emergency remains remote, ROVER represents BP’s continuing commitment to community, education and safety.

### **ROVER Fact Sheet**

**What:** ROVER is a specially designed training unit that is built to simulate a compressed gas (LPG) highway transport trailer. The unit is constructed with rollover protection so that it can be repeatedly overturned without damage. The trailer also has a unique hatch arrangement so that attendees can enter into the unit to examine interior construction and piping.

**Who:** The ROVER program is designed to offer industry representatives and emergency responders alike an in-depth look at compressed gas properties, transportation and emergencies.

**Where:** The ROVER program is offered at various BP facilities and trade shows in the United States, Canada Mexico. The unit is fully roadworthy for highway transport to individual locations.

**Program:** The program consists of a classroom session of approximately 2.5 hours. During this time, attendees will discuss hazardous material transportation in general, the properties of compressed gases, the identification of various highway trailers, and the construction of the compressed gas

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# **ROVER**

## **LPG Emergency**

### **Response Training Vehicle**

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transport, and the correct emergency response procedures to utilize when dealing with a highway emergency. Following the classroom session, attendees will be able to examine the ROVER unit in depth, both inside and out. BP experts will lead all discussions.

**Sponsors:** The program is sponsored by the Natural Gas Liquids department of BP.

### **ROVER Program Requirements**

The ROVER program will require the sponsoring location to have a classroom facility large enough to handle the invited attendees. A TV and VCR will need to be provided. The classroom must be able to be darkened to accommodate the slide projector used during the session. The instructors will furnish the projector with the unit.

The program is designed to teach two classes per day during the time frame scheduled. These classes typically should be scheduled to start at 8 a.m. and 1 p.m. Accommodations can be made for large contingents of volunteer firemen by substituting an evening class for one of the day classes. The class size should be limited to 30 participants per session.

Due to the weight of the ROVER unit, a heavy-duty wrecker must be employed. The unit must be capable of handling at least 25,000 pounds. It must be a modern hydraulic boom unit with at least two stages of extension. Every effort must be made to assure that a "premium" wrecker operator be employed. Plans should be made to overturn the unit the day before class begins and upright it the evening following the last class. It is recommended that a towing company representative be invited to attend the classes. This generally fosters a trade of services and eliminates the charge for the wrecker.

The ROVER unit is generally self-contained. When choosing a place to lay the trailer down, consideration should be given to the fact that electricity is required to power lights inside the unit.

For further information about ROVER, please contact:

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