



BHOgart LLC
1919 Monterey Hwy #80
San Jose, CA 95112

PNEUMATIC PUMP SAFETY DECLARATION

BHOgart pneumatic recovery pumps are air driven gas boosters designed to safely pump LPG vapor (liquefied petroleum gas: butane, propane and butane/propane mixtures).

Note that LPG can be highly flammable if mixed with air. LPG extraction recovery should be considered a Class 1, Division 1 explosive atmosphere hazardous location activity.

There is no electrical energy directly used by these pumps. Compressed air from an external supply is used to operate the driving air piston, which pumps the separate plunger piston in the process gas section. The vent port can be used to pipe any trace leakage from the process gas section to a safe location.

The compressor used to provide the compressed air, whether electrically or gasoline powered, can be located away from any hazardous location space, with just the compressed air piped to the pump, not creating an ignition source.

These pumps operate relatively cool and will not develop any surface temperatures near the auto-ignition temperature of LPG (over 900°F).

With proper grounding to prevent building a static charge, BHOgart pneumatic recovery pumps cannot create an ignition source and are thus intrinsically safe for pumping LPG.

Proper system design and equipment installation, operation and maintenance are mandatory for safe use of these pumps. Thus, each application must be appraised accordingly and the user must ensure compliance with all regulations, safety precautions, and installation and operation requirements.

Make it **SAFETY FIRST**.