



102 Gaither Drive, Unit 1 Mt. Laurel, NJ 08054

## Operating & Storage Procedures for use with PLCS Low-Pressure Flowstop & Sensor Bags:

August 30<sup>th</sup>, 2011

### Use & Storage:

1. Immediately upon receiving gas bag(s) check for any visual damage that may have been caused during shipping. Report any such damage immediately to delivery carrier and PLCS. Test integrity of bag by inflating bag to 50% of maximum bag pressure indicated on bag label and monitor for pressure decay for not less than 30 minutes. Inflate bags with an inert gas or clean dry air from an **OIL-FREE** supply. If pressure cannot be maintained contact PLCS immediately. No claims for malfunctioning product will be honored 30 days post delivery.
2. Indicate date of receipt in indelible ink on bag end panel(s).
3. Shelf Life: All bags have a two (2) year shelf life from date of shipping providing they are unused and stored correctly. Each bag **MUST** be checked prior to use for any damage with the end user responsible for this determination.
4. Correct Storage of Gas Bags:
  - a) Store in a cool & dry environment in the provided black plastic bag, out of direct sunlight and not subject to excessive changes in temperature.
  - b) Do not stack anything on top of bags during storage.
  - c) Bags **MUST** be stored flat, **NOT** folded, wrinkled or rolled up.
  - d) Rotate bag inventory. Bags may be returned to PLCS for testing and or component refurbishment. Please contact PLCS for details and pricing.
5. Prior to each use of the bag:
  - a) Visually inspect bag for any external damage.
  - b) Check bag integrity by inflating to 50% of maximum bag pressure indicated on bag label and monitor for pressure decay for a minimum of 30 minutes. If a pressure drop is observed check all connections for tightness and tighten as necessary. **DO NOT OVER INFLATE BAG AS THIS MAY CAUSE IT TO BURST. DO NOT** use petroleum based products to soap-test bag.
  - c) If any damage is observed, or if the bag does not retain the pressure test discard the bag.
  - d) Efforts should be made to avoid contact with petroleum based products as these will have a detrimental effect on the life of the latex bladder. Any oil contaminated bags should be discarded.

### Operating Procedures:

- Read and follow directions on Bag Tag.
- Insert bag into tap hole pushing down on the rubber bung to create a good seal. If necessary pack duct seal around each tap hole after bag is inserted and fully expanded to prevent gas vapors discharging into work area.
- Inflate bags with an inert gas or clean dry air from an **OIL-FREE** supply.
- Vent tubes with flame traps must be installed between bags and extend a minimum of 8 feet above ground level.
- **DO NOT** use bags in gasoline, kerosene, oil, acid or any similar substances.
- **DO NOT** use petroleum based solution to "soap" test bag.
- **DO NOT** allow sparks, hot metal or welding slag to come into contact with bags.
- **REMOVE** all sharp edges from inside and around tap hole to prevent damage to bags.
- **DO NOT** exceed maximum bag or indicated mains pressure as this may cause
- **DO NOT** expose bags to temperatures in excess of 150°F or lower than -20°F.
- **RETURN** bags to black storage bag for protection after each use and store out of direct sunlight.
- **DO NOT** stack anything on top of bags during storage.
- **ALWAYS** follow OSHA safe practices and gas company safety procedures when working on live gas.

**Please Note: These instructions are supplied as a guide and DO NOT replace your company policies or procedures. Always follow your company procedures and safety standards when working on live gas.**

Tel: 856-722-1333 Fax: 856)273-9723 Email: [info@plcsusa.com](mailto:info@plcsusa.com) Web site: [www.plcsusa.com](http://www.plcsusa.com)