ECII/RegO Products
Operating instructions for 7572FC, F7572, 7580FC,F7580
Chek-Lok Excess Flow Valves for Liquid Service
Suitable for use on LP-Gas
Maximum Allowable Pressure 25 bar

WARNING: Installation, usage and maintenance of this product must be in compliance with all Engineered Controls International, Inc. instructions as well as requirements and provisions of National, and Local standards, codes, regulations and laws.
Inspection and maintenance on a periodic basis is essential. Installation and maintenance should be performed only by qualified personnel.
Be sure all instructions are read and understood before installation, operation and maintenance. These instructions must be passed along to the end user of the product.
CAUTION: Contact or inhalation of liquid propane, ammonia and their vapors can cause serious injury or death! LP-Gas must be released outdoors in air currents that will insure dispersion to prevent exposure to people and livestock. LP-Gas must be far enough from any open flame or other source of ignition to prevent fire or explosion! LP-Gas is heavier than air and will not disperse or evaporate rapidly if released in still air.

Installation:

1. Chek-Lok valves may be bottom mounted or top mounted with a dip tube. For bottom mounting, it is preferable to position the coupling in the shell or head, slightly off bottom, to avoid accumulation of sludge etc..., around the check valve which could affect the proper operation of the excess flow valve.

2. Apply a pipe joint compound suitable for LP-Gas (such as PTFE tape)to the male threads of the chek-lok.

3. Before installing into the container coupling, check the coupling for foreign material. If any is found remove it.

4. Insert the male pipe fitting into the chek-lok into the female coupling. Turn until hand tight.

5. With a suitable wrench turn two to three wrenching turns beyond hand tight to create a seal.

6. Follow all local codes and national codes and standards for pressure testing and leak testing the installation.

Operation:

The Chek-Lok excess flow valves are designed to provide a convenient means of withdrawing liquid from stationary tanks prior to moving the tank. These valves are not intended for permanent liquid withdrawal installations.

To Put Chek-Lok In Service

1. Use an ECU* 7550P angle valve or assemble a suitable capacity shut-
   off valve such as an ECU* A7505AP, A7506AP or 7705P to ECU" adapters (see below).
2. Loosen 8594-3A plug to vent accumulated LP-Gas from Chek-Lok. If venting does not stop, retighten plug and use other approved means to withdraw liquid.

NOTE: Use a suitable size wrench to remove cap and adapter so as to not remove Chek-Lok from tank at the same time.

3. Close shut-off valve to permit excess flow valve to open.
4. If for some reason the Chek-Lok does not open after following this procedure, then it is a simple matter to equalize pressures by introducing vapor pressure from the vapor return valve on top of the tank to the downstream side of the Chek-Lok or by pumping liquid back through the Chek-Lok.

To Re-Lock Chek-Lok

1. Tank pressure must be in excess of 35 PSIG.
2. Close shut-off valve and disconnect hose or piping.
3. Open shut-off valve fully. Liquid discharging to atmosphere should cause the excess flow valve to close, provided tank pressure is 35 PSIG or more. If, for any reason, the excess flow valve does not close, the shut-off valve must be closed immediately and must not be removed until the system can be evacuated and the unit repaired.
4. After the excess flow valve closes, remove chek-lok adapter or pipe nipple to which shut-off valve is attached.
5. Clean face of Chek-Lok and install 8594-3A plug with 8594-1 A gasket.

6. Chek-Lok Adapters It is recommended that these brass adapters (7572C-14A and 7572C-15A) should be connected to ECU* Chek-Lok excess flow valves to open the check mechanism properly. A built-in nylon gasket provides a gas-tight seal.

IMPORTANT: Use only 8594-3A plug. Do not use standard pipe plug

Maintenance and Inspection

Periodically check for:

1. Any signs of corrosion due to water, salt, industrial pollutants, chemicals, and road way contaminants.

2. Any signs of physical damage which would prevent proper sealing and usage or that may cause product failure under pressue.

3. Leaks in the connections of the valve.

4. Correct operation, as performance may be affected by the presence of foreign matter.

Hazards:

- These valves are designed to stop flow out of the container if there is a sudden drop in pressure downstream. Excess flow valves are not to be used as shutoff valves at the end of a line.
- The closing flow may not be reached if the upstream pressure is insufficient, the break or damage downstream is small, or there is a restriction in the line.
- Wear approved protective gloves and eye protection when working with Chek-Loks. Do not vent LP-Gas near possible sources of ignition.
- Use an ECU* 7550P angle valve with an ECU® adapter 7572C-14A NPT female connection) or 7572C-15A (W NPT male connection). Use an ECU® 7550P without an adapter in an emergency only.

General Warning:

All ECII products are mechanical devices that will eventually become inoperative due to wear, contaminants, corrosion, and aging of components. Periodic inspection and maintenance are essential. The safe useful life of this product can vary greatly depending on the environment it exposed to, and the inspection/maintenance program used. For more information refer to the RegO Products L-500 catalog or www.regoproducts.com.