



August 2021

RegO® Field Topics

Emergency Shut-off Valve Installation - Orientation

Field Topics are intended to provide useful information to the network of authorized LP-Gas and Anhydrous Ammonia distributors regarding the proper use of RegO® products. **Warning Bulletins** covering many of the hazards involved are available from RegO for more detailed information. These bulletins can be found in our **L-500, L-102 and NH3-102** catalogs. Neither the Field Topic or the Warning Bulletins are intended to conflict with federal, state, or local ordinances and/or regulations, which should be observed at all times. This information also is not intended to be a substitute for or to supplement any training in the safe handling and use of propane and related equipment, as required by any applicable law. By providing this material, ECI assumes no responsibility for providing any such training. Only individuals properly trained in the safe handling and use of propane and related equipment should be permitted to do so, and by providing this information, ECI does not assume responsibility for providing such training.

For more information on LP Gas system requirements, refer to Liquefied Petroleum Gas Code (NFPA 58), National Fuel Gas Code (NFPA 54), National Propane Gas Association Safety Handbook, the RegO LP-Gas Serviceman's Manual L-545, RegO catalogs L-500/L-102/NH3-102, ANSI K61.1 Safety Requirements for Storage and Handling of Anhydrous Ammonia, as well as any applicable local codes and ordinances.

Emergency Shut-off Valve Installation - Orientation

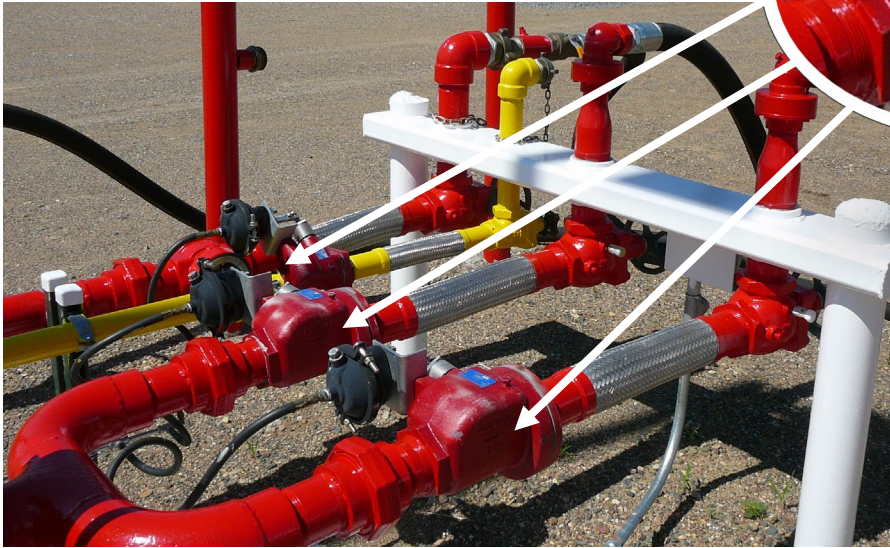
Emergency Shut-off Valves are designed for installation in liquid or vapor transfer lines at LP-Gas or Anhydrous Ammonia bulk plants to provide for quick shut-off of liquid or vapor flow in the event of an accidental pull-away, line break, or hose rupture.

When installing an Emergency Shut-off valve it must be installed to shut off the flow from the tank towards the hose, enabling the valve to control product loss in case of a hose break. These valves are spring closed (aided by pressure) and shut off the flow in one direction only. Flow direction is indicated by an arrow on the body. The arrow shall point to the hose connection away from the container. Regardless of the product flow, the valve must be installed with the arrow pointing away from the storage tank. Improper flow direction will not shut off the flow through the line.

Emergency Shut-off Valves can be installed in vertical and horizontal piping. When installing in a vertical position, actuators must be installed with a means to protect from the weather. A protective cover must be installed to prevent freezing of the actuator Assembly in cold conditions.



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Should you have any questions or concern, please contact me.

Cody Reeves
Technical Services Manager



O: +1 336.446.7292
creeves@regoproducts.com
100 RegO Drive, Elon, NC 27244 USA