

August 2023

RegO® Field Topics

Submerged Regulators

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.

Submerged Regulators

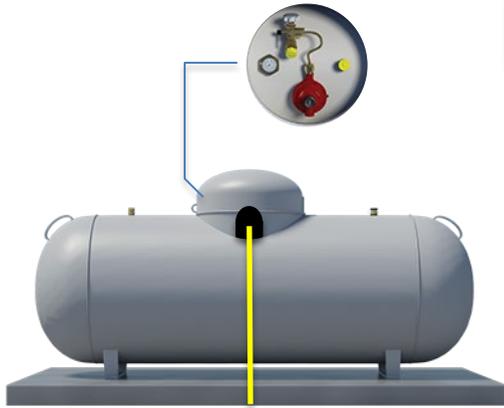
This field topic is designed to help aid in the installation of regulators. Specifically, it guides users on how to avoid placement of regulators where they can be submerged underwater. If a regulator has been submerged in water—replace the regulator. Water from floods can carry many chemicals that can attack the components including the diaphragm, seat disc, and lever assembly.



Proper Placement of Regulators

The regulator is often considered the heart of an LP-Gas installation and proper placement is vital in order to maintain steady flow of LP-Gas to consuming appliances. The regulator should be placed to avoid any condition where the regulator could be submerged under water.

Aboveground Container Installs

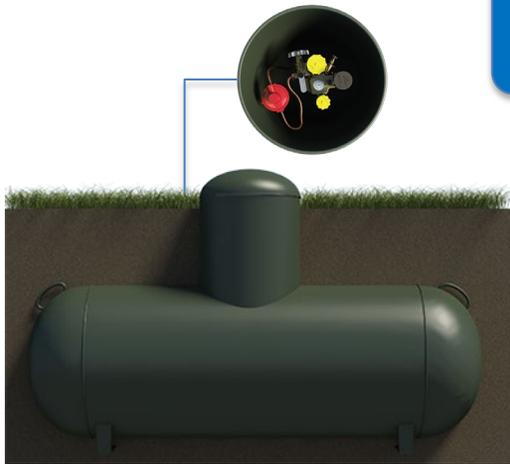


Install the regulator above the container connection underneath the lid

When installing a new container always avoid areas where flooding can occur. In areas that are subjected to flooding be certain the area is graded properly, has proper drainage and the container is properly mounted for flood

Avoid installing regulators below the container connection. This will reduce the potential for water or debris from entering the regulator

Underground Container Installs



Install the regulator above the container connection and above the highest probable water level

If the regulator cannot be placed above the highest probable water level, venting to the top of the container may be necessary. Ensure the bonnet cap is tight and the vent screen is fitted at the end of the pipe away.

When installing a new container avoid areas where flooding can occur. In areas that are subjected to flooding be certain the area is graded properly, has proper drainage and the container is properly mounted for flood conditions