



## **Additional Warnings, Cautions, and Notes for Manual M-285 RL100 4D-MD P.E.D. Meter**

### **Warning: Possible bodily injury if procedures are not followed exactly**

Pressure Surges - The maximum working pressure of the system must not exceed 350 psi (24 bar). It is the end user's responsibility to provide pressure relief according to local LPGas codes.

Water Hammer Effects - The meter should be pressurized slowly. The downstream valve must also be opened slowly according to the start-up instructions.

Explosion or Blast Damage - The meter is not a source for any pressure build-up. The pressure surges must not be allowed to exceed safe working pressure as stated on the meter name-tag.

### **Caution: Possible equipment damage if procedures are not followed correctly**

Fire/Flame Hazard - End user must provide pressure relief and check installation for leaks to avoid this hazard and meter must be grounded per local electrical codes.

Escape of Dangerous Fluids - All meters have successfully passed an aerostatic leak test before shipment. Install this meter and any associated equipment according to all local LPGas safety codes and Manual M-285. The installation must be checked for leaks periodically.

Damage to Equipment During Transport and Installation - It is the installer's responsibility to thoroughly inspect the meter and any associated equipment for shipping damage before installation.

Operational Hazards, Misuse - Follow all operational and installation guidelines in this manual. Manual M-285 cautions the user about the use of anti-seize compound with bolts and proper torque on bolts. Avoid stress on piping connected to the meter.

Lifting - Do not place undue strain on the meter structure when lifting. If the meter is being removed/lifted from an active fluid flow line follow the procedure and precautions as explained in Operating & Maintenance Manual M-285.

### **Note: General rule for a procedure or of exceptions to such a rule.**

Material Compatibility - Aluminum and cast iron are recognized in Underwriters Laboratories Standard 25 as being suitable for LPGas meters.

Vessel Stability - The meter has tapped holes for mounting. The installation instructions in Manual M-285 must be followed.

Fails to Operate - The meters are given a functional test before shipping. If the meter fails to operate call your local distributor or Red Seal Measurement for assistance.

Leak at Connection to System / Commissioning - Pressurize the meter slowly and check for leaks. See Manual M-285 for information on mounting the meter and avoiding stress on the connections.

Environmental Ingress - When properly installed the meters are not susceptible to environmental ingress when operated within the limits stated in the Operating Manual. It is recommended that they be protected from environmental extremes.

