SF1015 PADDLE METER

OPERATIONS

Regarding Installation:

- All meters are bi-directional!
- Due to the unique design of the SF1015 fluid meter, it does not require the typical up and downstream straightening pipe to maintain it accuracy.
- The SF1015 may be used with any pulse drawn totalizer. The totalizer is connected to the turbine meter with the use of a Sur-Flo totalizer adapter and a standard magnetic pickup coil.

Calibration:

- The SF1015 is calibrated in the same fashion as all conventional turbine meters and should be re-calibrated using the same time schedule.

Maintenance and Inspection Procedures:

- Inspection and repairs on the SF1015 can be made while the meter is still in line.
- DO NOT remove plug assembly while system is under pressure! Pressure MUST be bled off line before servicing the meter.
- To check the support bearing, rotor or shaft the meter can remain in line. Firstly, remove the pickup coil and plug assembly. Then, using pullers (which screw into the existing position
- of the pickup coil) pull the support bearing out through the neck of the meter.
- The shaft retaining screw is removed thus allowing the shaft to be pushed out of the support bearing using any rod from the opposite side of the retaining screw. Caution must be taken not to over tighten the retaining screw, or the shaft could be damaged.
- When installing the support bearing ensure the rotor is lined up with the window slot in the meter body. Approx. 30 ft. lbs. of torque is required to tighten properly.
- When installing the pickup coil ensure that it bottoms out against the support bearing (back it off a ¼ turn and set lock nut). DO NOT over tighten or damage may occur to the support
- bearing.
- Complete repair kits and individual replacement parts are available upon request. It is recommended that the seal kit be replaced whenever the support bearing is removed.