

## JOGLER MLG COMPONENT IMPROVEMENTS

### JOGLER – FLOAT

#### 1 WELD FLOAT DESIGN

- Deep Drawn float half construction allows for a 1 weld float. This design has 72% less length of weld over traditional floats greatly reducing the possibility of pinhole leaks and welding-induced material weakening.
- This weld is always submerged in process liquid reducing the likelihood of corrosion stress cracking, which happens in the HAZ in the vapor space in the gauge.

#### HYDROSTATIC QUALITY TEST

- Every float is hydrotested above the MAWP of the gauge to identify any material or weld defects that can lead to float failure.

#### ENGINEERED BUOYANCY

- Every float is designed with a minimum of 75g of positive buoyancy to ensure accurate level indication in dirty services while cleaning fouling buildup on chamber walls.

*Note: Jogler can also manufacture traditional floats and float designs*



STANDARD JOGLER  
FLOAT 316SS  
One weld float; submerged  
in liquid phase

### COMPETITORS

- Typical floats are commonly constructed from dome caps and welded tubing
- 3+ welds (at least 2 circumferential welds connecting the dome caps to the tubing, and one longitudinal seam weld on the tubing), leading to a greater likelihood of float collapse.
- At least 8 inches of weld seam is exposed to the vapor space in the unit. This increases the probability of float failure occurring.

- Floats are either only leak tested under minimum pressure or only a portion is hydrotested to MAWP. This system has the potential to allow for defective floats to ship.

- Some floats are designed with less amounts of additional buoyancy causing hang-ups in dirty services leading to false level indications.



STANDARD COMPETITOR  
FLOAT 316SS  
3 weld float; welded  
tubing and 2 caps