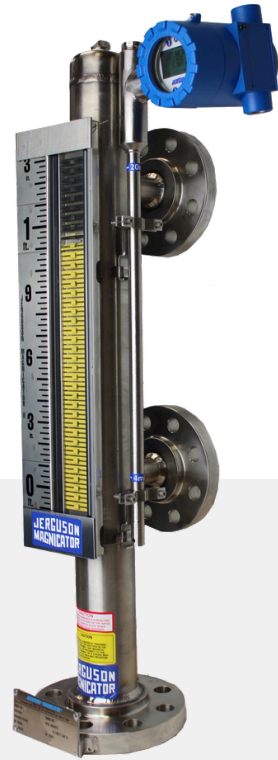


Case Study: Improving Visibility and Safety on Condensate Tanks at the University of Pittsburgh



APPLICATION

The University of Pittsburgh operates multiple condensate tanks as part of its facility infrastructure. Accurate and reliable level indication is critical to ensure proper system operation and support safe maintenance practices.

CHALLENGE

The condensate tanks were originally equipped with tubular glass level gauges. Over time, these gauges proved difficult to read due to poor visibility, especially in low-light conditions and from a distance. Maintenance personnel had to walk out to the tanks, climb platforms and shine a flashlight to determine level. This process was time-consuming, inefficient, and increased exposure to potential safety risks.

SOLUTION

To improve visibility and reduce maintenance burden, the University of Pittsburgh replaced the tubular glass gauges with Jerguson® Magnicator® Magnetic Level Indicators on the condensate tanks.

The Magnicator provides a clear, highly visible level indication that can be seen from the control room, eliminating the need for personnel to physically approach the tank to confirm level.

RESULTS

By switching to the Jerguson Magnicator, the University of Pittsburgh achieved several key benefits:

- Improved visibility: **Clear level indication** visible at a distance and from the control room
- **Enhanced safety**: Eliminated the need for maintenance personnel to climb platforms or stand directly in front of the gauge
- Increased efficiency: **Reduced time** spent manually checking levels in the field
- Reliable operation: The **robust Jerguson magnetic design** ensures reliable level in condensate tank applications



CONCLUSION

The upgrade from tubular glass gauges to the Jerguson Magnicator Magnetic Level Indicator significantly improved both operational efficiency and safety for the University of Pittsburgh's condensate tanks. With remote visibility and reliable level indication, maintenance teams can now monitor levels confidently without unnecessary exposure or manual effort.