

Flow Measurement Advantages Using Magnetic Flow Meters

Holzborn, Scott^{1*}

¹Siemens Industry, Inc., Industry Automation Division, Process Instrumentation & Analytics,
7312 Stream Valley Ct., St. Louis, Missouri, USA, 634129
(*correspondence: scott.holzborn@siemens.com)

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ABSTRACT

As water becomes an ever-more precious natural resource, communities and local governments are looking for more efficient water / wastewater solutions. A prerequisite of managing water more efficiently is an accurate understanding of existing water use. Many communities still employ mechanical meters to measure water flow. While mechanical meters are typically the least expensive to buy upfront, they are the most expensive in the long run. Costly maintenance issues quickly increase the lifetime cost of mechanical meters making magnetic flowmeters a better value and less expensive option within a short period of time.

The lower cost of ownership derives from specific attributes of magnetic flowmeters including:

- No moving parts
- Obstruction free
- Maintenance free for up to six years
- Unaffected by dirty water
- Tamper resistant
- Minimal installation requirements

The value of magnetic flowmeters can also be measured by their:

- Accuracy at low flow
- Ability to be attached through a retrofit on underground pipes
- SCADA integration offering on-board diagnostics, data logging and communications

Attendees will leave this session with a comprehensive understanding of the benefits and value offered by magnetic flowmeters.

ABOUT THE SPEAKER

Scott Holzborn has been applying instrumentation in the Water & Wastewater Industry for almost 20 years. Scott's current position with Siemens as Marketing Manager - Americas tasks him with marketing responsibility in the North and South American markets. Typical responsibilities include product portfolio management, sales channel efficiency, & marketing collateral development. Scott resides in St. Louis, Missouri with his wife and two children.