



IMPROVE OPERATIONAL PERFORMANCE

The Micro Motion 4200 2-wire loop powered transmitter makes it possible to replace existing 2-wire flow devices with minimal effort and without incurring additional power or cabling costs, increasing measurement performance and optimizing operations in the areas of safety, reliability, production and emissions.

ENSURE SAFETY



CHALLENGE

Use of traditional technologies does not account for changing volumes due to pressure and temperature changes, which can cause possible overflow and safety issues.

SOLUTION

Retrofit PD and turbine meters typically used on loading racks with 2-wire Coriolis.

BENEFIT

- Accurate fills closer to specifications
- Less personnel exposure due to overfilling
- SIL 2 capable for single use/SIL 3 capable for multiple use

IMPROVE RELIABILITY



CHALLENGE

Upset conditions can create a wide range of flow conditions which make maintaining tank blanketing systems difficult.

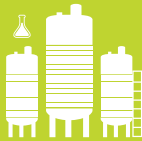
SOLUTION

Replace legacy technology with 2-wire Coriolis and gain the benefits of wide turndown and easy installation.

BENEFIT

- Improved ability to control the blanketing system
- Maintain accuracy with high and low flow rates during upset conditions.
- Accurate measurement between tanks

OPTIMIZE PRODUCTION



CHALLENGE

Cost of material is high and over/under dosing can cause batch accuracy problems and inconsistent product quality, lowering throughput.

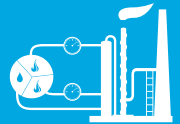
SOLUTION

Use existing wires to replace legacy technology with 2-wire Coriolis.

BENEFIT

- Improve batch throughput and optimize reaction time, resulting in higher yields and profitability
- Better range and accuracy

MINIMIZE EMISSIONS



CHALLENGE

Inability to properly allocate costs and measure gases for efficiency and less waste.

SOLUTION

Install 2-wire Coriolis and gain the immediate ability to see where gases are allocated and how much is being used.

BENEFIT

- Recognize high usage applications
- Optimize your process by reducing waste



The Micro Motion 4200 is an enabler for Emerson's Operational Certainty methodology, a programmatic approach combining, technology, expertise, and services to help customers reach Top Quartile Performance.

MICRO MOTION

www.Emerson.com/MicroMotion4200

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