

Solvay Solexis Reduces Risk, Operating Costs by Using Micro Motion® Coriolis Meters

BENEFITS

- Maintenance costs reduced by 95%
- Commissioning costs reduced by 90%
- Risk reduction of 90% or more



PROCESS

Solvay Solexis—a 145-year-old Belgian group with over 28000 employees—is a leading worldwide manufacturer of fluorinated products for specialty markets. Their Spinetta Marengo site, dedicated to the production of fluoride polymers, is the most important fluorinated products facility in Italy.

In its plants there are hundreds of important measurement points. Some of the most critical involve the dosing of cryogenic and fluoridic acid, which can be especially harsh on flow meters. Since 1984, Solvay Solexis has been relying on Coriolis meters in these applications.

CHALLENGE

To maintain a worldwide leadership position, Solvay Solexis strives to continually improve its overall economic efficiency. As part of that goal, Solvay considers the following factors when evaluating metering technologies:

- Highly accurate mass flow and density measurement
- High turndown and low pressure drop
- Maintenance-free operation with high availability

In addition, Solvay looks closely at factors such as:

- Installation time and cost
- Plant safety
- Maintenance requirements
- Immunity from vibration and other process effects

“Our big experience says that only Micro Motion can provide us benefits during the entire instrument life.”

www.micromotion.com



For more information:
www.EmersonProcess.com/solutions/chemical
www.micromotion.com



SOLUTION

Because of their decades of experience with Coriolis meters, Solvay is in a position to critically compare Micro Motion Coriolis meters against those offered by competitors. Only Micro Motion meters provide the gains in economic efficiency that Solvay wants to achieve.

The results Solvay observed from using Micro Motion meters were outstanding. Maintenance costs were down by 95%. Years after installation, Micro Motion meters remained problem-free. In addition, measurement reliability reduced process risk by over 90%. Solvay estimates that their overall economic efficiency has been improved by approximately 1% from the use of Micro Motion meters. Over three-fourths of installed meters used by Solvay today are provided by Micro Motion.

As Roberto Zanotto, Instrument Manager at the Spinetta Marengo site phrases it, “Our big experience says that only Micro Motion can provide us benefits during the entire instrument life. The results are incomparable.” He credits Micro Motion with providing a reduction in operating expenses and a short return on investment, adding: “We have tested 6 producers of Coriolis instruments, but only Micro Motion can give us true advantages.”



Micro Motion meter at the Spinetta Marengo site