



“It’s difficult to assure HSSE compliance across operations.”

25% of all serious incidents in liquid terminals in the United States are due to overfilling.

PHMSA, 2010

What if...

- When adjusting blending ratios for seasonal RVP compliance, you could achieve optimum blend while having high confidence you remain within environmental regulations?
- You could remotely monitor your equipment’s performance?
- You could streamline and automate your monitoring and record keeping processes?

How do you assure assure health, safety, security, and environmental compliance across operations?

As the person responsible for operations management, you need to do all you can to provide incident-free operations. This means you have to optimize work processes, monitor equipment status, and assure your terminal is in compliance with health, safety, security, and environmental regulations and guidelines at all times. Unfortunately each one has its own unique set of challenges that, when combined, makes it very difficult to achieve this goal.

All of these regulations—and their related reporting requirements—seem to be in a constant state of change. And because there is no standard way to achieve compliance, it can take a significant amount of administrative resources to help manage the reporting and other related tasks required to prove you are in compliance. In some cases, these new regulations can increase the number of employees and man-hours it takes to complete certain procedures, which can have a significant impact on your operations. And, every day, you have to make sure you are keeping your staff out of harm’s way in a way that won’t impair or interrupt terminal operations.

Operations managers we talk to tell us about challenges like these:

“It’s challenging to keep up with changing and complicated regulations.”

Ensuring the blends you create are in compliance with ever-changing, complex regulations is a challenge all terminal operations managers face. The regulations themselves are not well-defined, and each one—especially Federal regulations—seems to have its own reporting requirements.

“I need to reduce excessive worker intervention in operations.”

Any time a staff member is involved in an operational process—whether to take a sample, perform maintenance, or anything else—they risk being exposed to potentially harmful situations. They could also inadvertently interfere with your processes, which can have a cascading effect on your operations—and put you at risk for non-compliance.

“Maintaining operations within safe parameters is difficult.”

To ensure safety and compliance on a daily basis, you have to know what’s flowing in and out of your terminal at all times.

To operate in today's heavily regulated environment, you have to assure safety, security, and environmental compliance across your terminal operations.

When you work with Emerson, you'll be partnering with an organization that is completely committed to helping customers meet safety and compliance standards. Using our devices can help you improve the way you manage and meet safety monitoring requirements by reducing the worker intervention required to run these processes. Our solutions will provide you with predictive diagnostics that will help you stay in compliance with health and safety regulations more efficiently, and our meters will give you more accurate measurements that will help you protect against overfills and other potentially harmful situations, so you can be sure your terminal is operating within safety limits each day.



STAY IN COMPLIANCE

Emerson's products and solutions can help you reduce measurement uncertainty and automate your processes so you can improve adaptability—and increase the accuracy and reliability—in your processes.

KEEP WORKERS OUT OF THE FIELD

Emerson's Micro Motion Coriolis flow and density field devices are designed to deliver robust, accurate performance with minimal intervention from your staff. Our meters will allow you to monitor meter performance without having to send people into the field, and detect meter integrity before it has an impact on operations. All of this will significantly reduce worker intervention in your operations, which will help you keep your people out of harm's way as you stay in compliance.

KNOW YOU'RE OPERATING WITHIN SAFETY LIMITS

Micro Motion devices provide you access to on-line, process and performance diagnostics that will give you the confidence that you are operating your terminal within safety limits.

According to a recent Gartner Group study, 50% of maintenance work is not necessary, and 10% is actually harmful.

Source: Expertune, Inc., How to Improve Performance of Process Control Assets, 2011.

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