



Inaccuracy Is a Liability:

Top Tips for Making Measurement Run Seamlessly



Measurement comes in all shapes and sizes – weight, volume, length, area, temperature – and its accuracy, or rather inaccuracy can have a lasting impact. This is a well-known fact to everyone from scientists to doctors and most of all, oil, and gas professionals. Many economists view crude oil as the single most important commodity in the world as it is currently the primary source of energy production. Given the value and potential risk of crude oil, there has been a growing demand for accurate measurement.

Purpose-built measurement tools, made for and by oil and gas leaders, help you achieve accurate measurement quickly and more reliably than any other measurement service would. Here are the top tips for making your measurement practice run seamlessly in today's market.

1. Focus on Communication

How is your organization doing on creating an automated and efficient process for communicating data from the field to the back office?

Communication is king, especially between your field measurement department and the back office. Say, for example, a meter is coming in with a certain data point in the field. Do the flow parameters, such as temperature or pressure, match the data and volume from the field, or is there a discrepancy? Could it be a false flow? A strong and communicative relationship between the two functions makes troubleshooting issues quicker and more consistent, saving your organization valuable time and money.

2. Learn the Terminology

How does your organization define these terms?

The oil and gas industry is unique in many capacities, the specific nuances in terminology being one of them. For measurement, a few must-know keywords include:

- ⬡ “Lost And Unaccounted For” (LAUF) describes product received into a system that is lost through measurement inaccuracies or other operational means.
- ⬡ Check Meter is a meter station installed on a line to act as a second, independent means of measuring volumes, especially sales volumes.
- ⬡ “Lease Automated Custody Transfer” (LACT) describes a unit that enables automated volume and quality determination for liquids delivered into a pipeline or other means of transportation for custody transfer operations.

3. Move Beyond Spreadsheets

How valuable would saving 1-8 hours of manual review be to your team? Your stress? Your bottom line?

Cloud-based software and automation saves time and ensures you can access information wherever, whenever. By leaving the spreadsheets behind, you can feel confident the data is secure, traceable, and auditable. Data is accessible from anywhere -- in the office or in the field.

4. Stay Up to Date on API Standards

How do you ensure that your data is compliant with evolution of API standards?

The American Petroleum Institute (API) works around the clock to publish guidelines for accurate and effective procedures. Stay up to date on ever-changing standards to keep your business running smoothly and avoid any downtime.

5. Know the Industry

How seriously is your organization taking the management of measurement data? Are there any potential areas or gaps that you may be exposed to costly errors and risk?

Measurement is one of the most important arms of your oil and gas business. Consider educating yourself on how to maximize productivity through educational assets like Quorum University. With courses beginning on the fundamental level up to power users, you can be sure your team has the information they need.



Quorum Software powers growth and profitability for energy businesses by connecting people, workflows, and systems with decision-ready data.

For more information or to request a demo, visit quorumsoftware.com or email info@quorumsoftware.com.