

Compliance Playbook

Uncovering the Top 10 Essential Facts About Alberta Energy Regulator's Directive 017: Measurement Requirements for Oil and Gas Operations.

1. Applicability:

Directive 017 applies to all oil and gas operations in Alberta, including production, processing, transportation, and storage of oil and gas.

2. Purpose:

The purpose of Directive 017 is to ensure accurate measurement of oil and gas produced and processed in Alberta, in order to ensure fair and effective royalty payments, accurate reporting, and responsible resource management.

3. Approved Measurement Methods:

Directive 017 outlines the approved methods for measuring oil and gas, including volumetric and gravimetric methods, and requires that all measurement equipment be installed and maintained in accordance with industry standards.

4. Record Keeping:

Companies are required to maintain accurate records of all measurement activities, including volume measurements calibrations, and maintenance records. These records must be kept for a minimum of 7 years.



5. Independent Verification:

Directive 017 requires that all measurement activities be independently verified on a regular basis by a third-party auditor.

6. Testing and Calibration:

Companies are required to test and calibrate all measurement equipment regularly to ensure accuracy and reliability.

7. Reporting Requirements:

Companies are required to submit accurate measurement reports to the Alberta Energy Regulator on a regular basis, including monthly, quarterly, and annual reports.

8. Data Management:

Companies must have a data management system in place to ensure the accuracy and reliability of measurement data, and to facilitate timely reporting.

9. Compliance Monitoring:

The Alberta Energy Regulator will monitor compliance with Directive 017 through audits, inspections, and other compliance activities.

10. Penalties for Non-Compliance:

Companies that are in contravention of Directive 017 may face penalties, including fines, suspension of operations, or other enforcement actions. It is important for companies to comply with directive to ensure fair and responsible resource management in Alberta.

Overall, Directive 017 is a critical component of Alberta's regulatory framework for the oil and gas industry, helping to ensure the fair and sustainable development of the province's natural resources.



What is Petrinex?

Petrinex is a digital system used in the Canadian oil and gas industry for managing the data related to the production, transportation, and delivery of petroleum products. The system is designed to enable accurate tracking and reporting of the movement of petroleum products across the supply chain, from production wells to refineries, terminals, and end-users.

Petrinex is a joint venture between the British Columbia Oil and Gas Commission (now the BC Energy Regulator), the Alberta Energy Regulator, and the Saskatchewan Ministry of Energy and Resources. The system allows for real-time reporting of production and inventory data, as well as the tracking of shipments and transfers of petroleum products. This helps to ensure regulatory compliance and improve operational efficiency in the industry.

Overall, Petrinex plays a critical role in the management of the Canadian oil and gas industry, helping to ensure safe and efficient production and delivery of petroleum products while also promoting environmental protection and sustainability.



#KnowYourReporting: A closer look at Alberta's Enhanced Production Audit Program (EPAP) for accurate oil and gas production reporting and sustainable resource management.

The Alberta Energy Regulator's (AER) Enhanced Production Audit Program (EPAP) is a mandatory program designed to verify the accuracy of oil and gas production reporting in Alberta, Canada. The program involves both on-site and remote audits, including detailed reviews of company records, measurement equipment, and operational practices. The main objective of EPAP is to ensure that oil and gas companies are accurately reporting their production volumes

and complying with the AER's regulations and requirements. The program also aims to identify and address potential non-compliance issues related to oil and gas production, such as under-reporting or over-reporting of production volumes. The EPAP is part of the AER's broader efforts to ensure responsible resource development and sustainable energy production in the province.