

Bureau Veritas

Oil & Petrochemicals



Measurement Services

Dynamic Measurement and Allocation Services
Throughout the Oil & Gas Supply Chain



**BUREAU
VERITAS**

Upstream Solutions

Bureau Veritas provides a complete upstream service portfolio focusing on the Petroleum and Natural Gas exploration and production (E&P) market segment:

Product-Related Analytical & Data Processing Services

- Gas & Liquid Sampling
- Compositional & VLE Analysis
- H₂S Analysis
- PVT Analysis
- Flow Data Editing & Validation
- System / Field Balancing
- Remote Well Site Monitoring
- Flow Computer Data Collection & Reconciliation
- Chart Integration
- Allocations

Metering & Repair Services

- Electronic & Mechanical Meters
- Meter Swap Out
- Portable & Shop Proving
- Master Meter Calibrations
- Mechanical Meter Repair
- Totalizer Repair
- Composite Cylinder Repair

Inspection & Completion Services

- Supply Chain Services
- Risk and Failure Analysis Consulting
- QHSE Services
- Product Certification



Mid-Stream Solutions

Our service portfolio continues into the post-production transportation and infrastructure segment of the Oil & Gas environment with the following services:

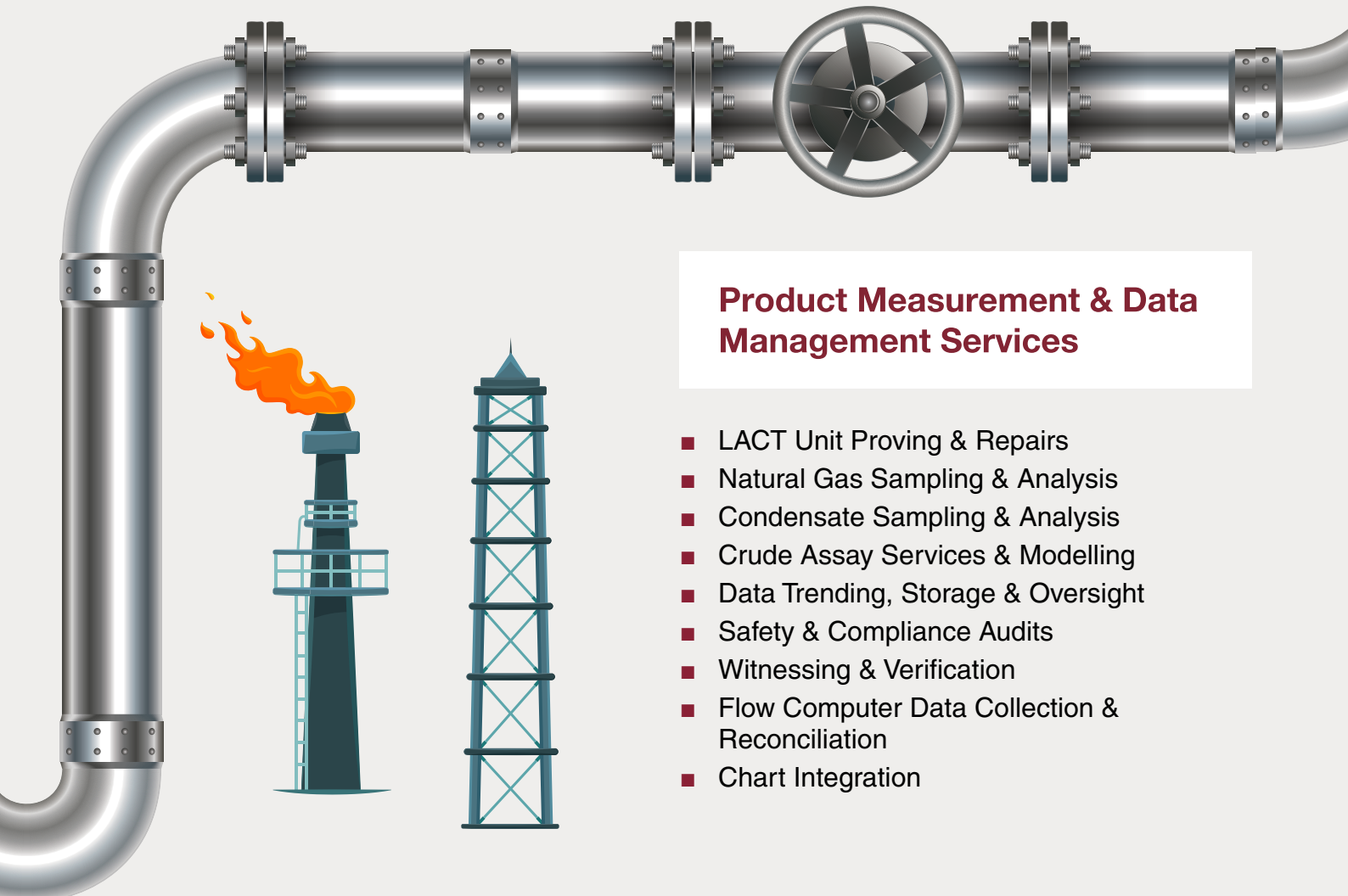
Calibration & Corrosion Services

- Bespoke Measurement & Oversight Program Design
- Lease Tank Calibration
- Installation Tank Levels, Alarms
- Installation & Management of Remote Monitoring Services
- Corrosion Testing Services



Product Measurement & Data Management Services

- LACT Unit Proving & Repairs
- Natural Gas Sampling & Analysis
- Condensate Sampling & Analysis
- Crude Assay Services & Modelling
- Data Trending, Storage & Oversight
- Safety & Compliance Audits
- Witnessing & Verification
- Flow Computer Data Collection & Reconciliation
- Chart Integration



Downstream Solutions

In transitioning into the downstream market, Bureau Veritas is uniquely positioned to provide the following array of services within the refining, storage and import/export operations:

Downstream Terminal/Marine Product Assurance Services

- Full Specification Analytical Services through feedstock to all refined products
- Blending Programs
- Custody Transfer Services
- Additive Services
- Tank Gauging



Downstream Asset Integrity Services

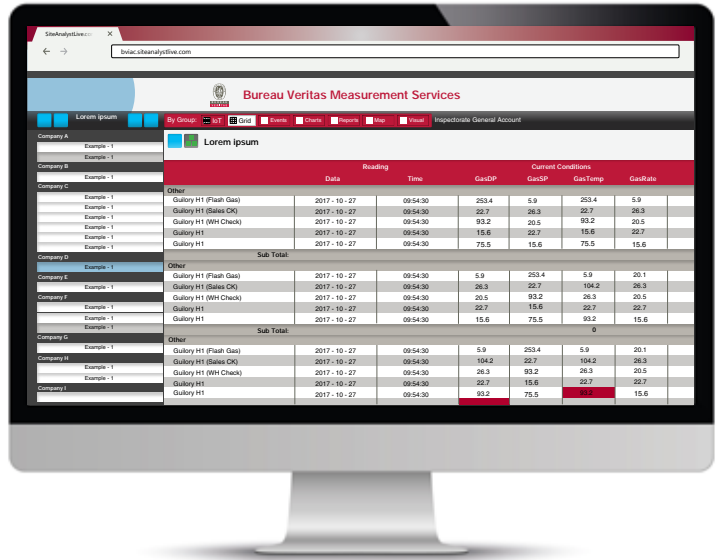
- Storage Tank Calibration & API 653 Inspection
- Bottom Zone & Shell Survey & Calibration
- Leak Detection, Supply Chain & Non-Destructive Testing Services
- Verticality & Ultrasonic Testing
- RBI, Failure & HSE Consulting



**BUREAU
VERITAS**

Digital Innovation & Data Management Support

In order to provide real-time assurance, Bureau Veritas operates industry-leading digital platforms to manage our suite of Testing, Inspection and Certification services. From our Laboratory Information Management Systems (LIMS) to our Inspection Data Management Systems, Bureau Veritas can be your partner in providing information to better manage your assets and product testing information.



Bureau Veritas

Your Partner Throughout the Supply Chain

Bureau Veritas applies a client-focused approach to the delivery of our services, with a core focus and commitment to understanding our clients' individual business and industry requirements. Our highly qualified and experienced teams of technical staff and operators are dedicated to delivering the right solutions and adding value to your business. Our services support the complete value chain of oil, gas and energy-related operations:



Bureau Veritas

Oil & Petrochemicals Global Network



- Regional Centres
- Oil & Petrochemical Locations

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