



NIKHAM
ENERGY

CALIBRATION & PRESSURE TESTING

A Global Force. Your Turnkey Solution. Our Energy.





PRECISION CALIBRATION & PRESSURE TESTING SERVICES

At Nikham Energy, precision isn't just a promise - it's our practice. As your trusted partner, we ensure dependable measurements and superior performance of your instruments. Our comprehensive suite of services includes the calibration and pressure testing of various instrumentation, such as pressure indicators, gauges, transmitters, recorders, relief valves and temperature-related devices, electrical, level, flow, mass process instrumentation.

Why Choose Nikham Energy?

Calibration is the cornerstone of accuracy, quality, and safety in your operations. With Nikham Energy, you benefit from:

Expertise: Our seasoned team utilizes state-of-the-art equipment, capable of on-board portability for on-site services in most cases.

Efficiency: Minimize downtime with our on-site calibration capabilities, thanks to our expansive, mobile calibration kit.



Enhance Your Operations with
Nikham Energy.



Hydrostatic/Pressure Testing of Cylinders:

We conduct thorough hydrostatic testing to assess the structural integrity and safety of your cylinders. This test is critical for detecting leaks and verifying that cylinders can safely handle specified pressures.

Benefits: Enhance safety and compliance with regulations, prolong cylinder lifespan, and ensure operational reliability.

Gas Detectors Calibration:

Regular calibration and maintenance of gas detectors are essential for accurate monitoring of potentially hazardous gases in the workplace.

Services Include: Calibration of H²S, O², LEL, and CO detectors, along with bump tests to confirm their operational readiness.

Benefits: Maintain accurate and reliable gas detection to ensure workplace safety and minimize the risk of hazardous exposure.

Pressure Device Calibration:

We precisely calibrate pressure devices, certifying pressure gauges up to 40,000 PSI.

Services Include: Testing, maintenance, and repair of pressure gauges and equipment, either onsite or at our fully equipped laboratory.

Benefits: Maintain accurate pressure measurements essential for safe and efficient system operations.



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Experience Accuracy at Every Turn
With Nikham Energy.



Temperature Calibration:

Our services ensure the accuracy of temperature controls and measurements, which is crucial for processes requiring precise thermal conditions.

Capabilities: Calibration of installations and equipment up to 1200°C by simulation, including ovens and furnaces.

Benefits: Optimize thermal processes and ensure product quality by maintaining accurate temperature settings.

Flow and Dimensional Calibration:

We calibrate various flow meters and dimensional tools to ensure their accuracy and reliability.

Types of Instruments: Magnetic, mass, gear, vortex flow meters, vernier calipers, and micrometers.

Benefits: Ensure accurate flow measurement and dimensional precision, critical for quality control and regulatory compliance.

Electrical Calibration:

Our skilled technicians ensure that all electrical devices perform optimally and conform to specifications.

Services Include: Calibrating a broad spectrum of electronic devices and using advanced equipment to achieve precise results.

Benefits: Avoid operational failures and ensure device longevity with reliable and accurate electrical measurements.



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By choosing Nikham Energy, you choose
Excellence and Precision.



Valve Certification and Maintenance:

Our services include testing, certification, and comprehensive overhauls for everything from safety/relief valves to intricate valve assemblies.

Compliance: All work is performed strictly with API-527 and ASME Boiler & Pressure Vessel Codes.

Benefits: Enhance valve performance and reliability, extend service life, and ensure compliance with industry standards.

Offshore Services:

Exploration and Production Support: We offer calibration and certification of pressure gauges, transmitters, and safety valves on drilling vessels and FPSOs.

Certification: Quick and accurate proprietary reporting to streamline compliance and operational efficiency.

Personnel: Our qualified, multi-skilled teams ensure minimal downtime and maximum efficiency in challenging offshore environments.

Containerised Workshops:

Our mobile workshops have state-of-the-art testing facilities for on-site valve testing and repairs.

Features: Workshops are DNV certified and ATEX approved, supporting hydrogen and hydro testing up to 600 BAR.

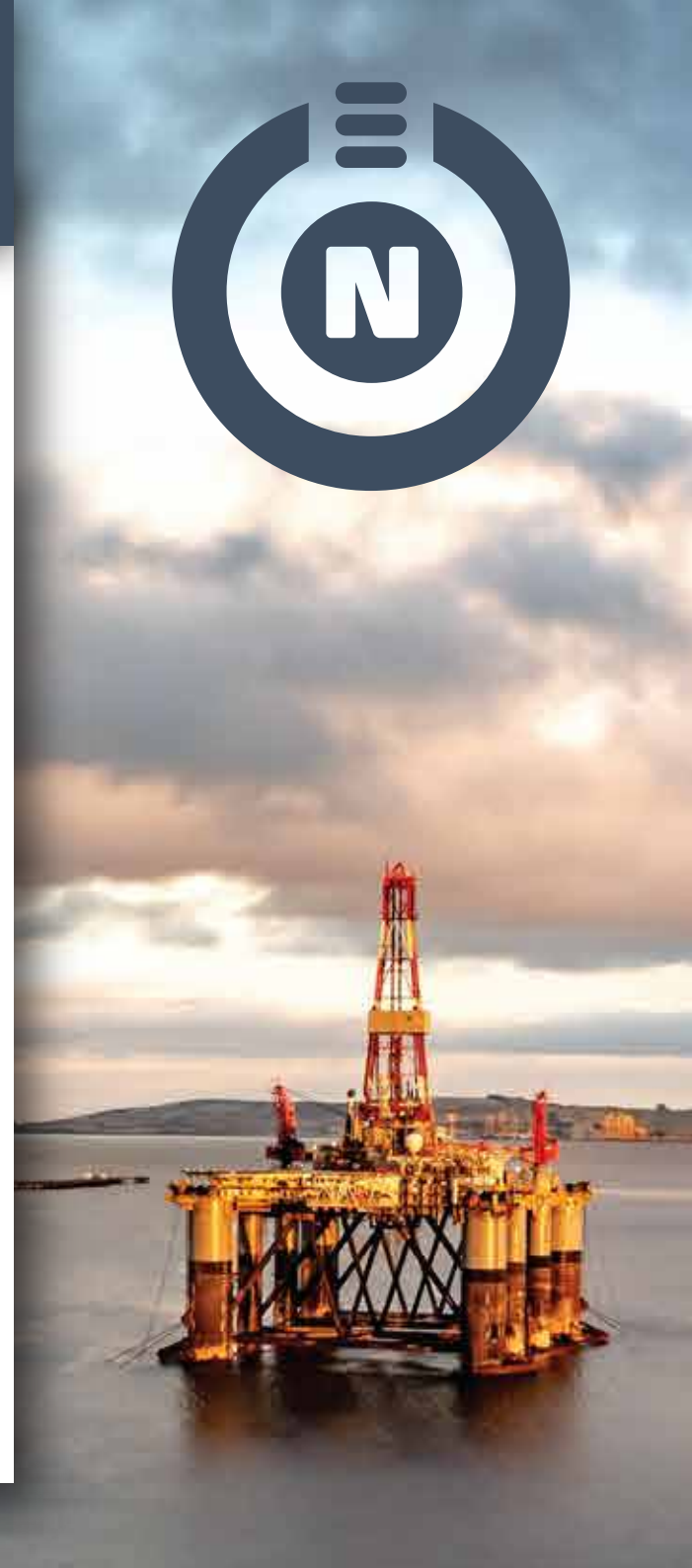
Benefits: Provides flexibility and accessibility for onsite repairs and testing, reducing downtime and operational disruptions.

Each service is designed to integrate seamlessly with your operations, ensuring minimal downtime and enhancing efficiency and safety. At Nikham Energy, we are dedicated to maintaining the highest service quality and reliability standards.



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OUR SATISFIED CLIENTS





Our Arsenal of **ENERGY SERVICES**

We are known for our array of specialised services, but we are renowned for how we perform them.



**MANPOWER &
RECRUITMENT**



**NON-DESTRUCTIVE
TESTING**



**ROPE ACCESS
SERVICES**



**ASSET INTEGRITY
MANAGEMENT**



**TURNKEY
ENGINEERING**



**CONDITION BASED
MAINTENANCE**



**CALIBRATION &
PRESSURE TESTING**



**RENEWABLE
ENERGY**

Need a Quote CONTACT US

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Our Energy.



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