



GREENLAND TESTING & INSPECTION SERVICES (PVT) LTD

**INSPECTION, TESTING & QUALITY VERIFICATION
SERVICES FOR OIL, GAS CYLINDERS
AND LUBRICANTS**



OIL, GAS & INDUSTRIAL EQUIPMENT INSPECTION PROFILE



INSPECTION, TESTING & QUALITY VERIFICATION SERVICES FOR OIL, GAS CYLINDERS AND LUBRICANTS

Dear Sir/Madam,

GreenLand Testing & Inspection Services (Pvt) Ltd is pleased to offer specialized Inspection, Testing, Measurement, and Quality Verification Services for the Oil & Gas sector, including gas cylinder safety, fuel and lubricant quality control, and industrial compliance.

As an ISO-compliant third-party inspection organization, we support energy companies, distributors, workshops, and transport fleets in ensuring safety, regulatory compliance, and equipment reliability.





MANDATORY MEASUREMENTS IN OIL & GAS FACILITIES

Our technical teams perform critical measurements required for safe and efficient operations:

- ➔ Pressure & Temperature Monitoring
- ➔ Gas Leak Detection (LPG, LNG, Natural Gas)
- ➔ Flow Rate Measurement (gas & liquid lines)
- ➔ Thickness Measurement of pipelines and tanks (Ultrasonic Testing)
- ➔ Corrosion & Coating Inspection
- ➔ Valve Performance Testing
- ➔ Vibration Monitoring of pumps and compressors
- ➔ Electrical Earthing & Explosion-Proof Equipment Checks
- ➔ Fire & Safety System Verification





GAS CYLINDER INSPECTION & MAINTENANCE

To ensure safe storage and transportation of gas cylinders, we conduct:

Hydrostatic Pressure Testing

- ➔ Visual Inspection for dents, cracks, corrosion
- ➔ Valve and Regulator Testing
- ➔ Leak Testing
- ➔ Cylinder Weight Verification
- ➔ Re-certification Marking
- ➔ Painting & Protective Coating Inspection
- ➔ Compliance with OGRA and safety standards

These inspections prevent cylinder bursts, leakage accidents, and supply failures.





COMBATING FAKE / SUBSTANDARD ENGINE OIL

The market faces serious risks from counterfeit and low-grade lubricants. GreenLand provides laboratory testing and verification to identify genuine products and protect engines.

We perform lubricant oil testing including:

- ➔ Viscosity Testing (engine protection ability)
- ➔ Flash & Fire Point Testing (safety at high temperature)
- ➔ Density & Contamination Analysis
- ➔ Additive Composition Verification
- ➔ Used Oil Analysis (engine wear monitoring)





HOW THIS PROTECTS VEHICLES & ENGINES

Proper oil quality testing ensures:

- ➔ Better engine lubrication
- ➔ Reduced friction & overheating
- ➔ Longer engine life
- ➔ Improved fuel efficiency
- ➔ Prevention of engine seizure and breakdown

Correct lubricants also help maintain tire-road grip indirectly by ensuring smooth power transmission and stable engine performance.





BENEFITS TO OIL & GAS / TRANSPORT SECTOR

- ➔ Prevention of industrial accidents
- ➔ Reduced equipment failure
- ➔ Compliance with national regulations
- ➔ Safer fuel and gas handling
- ➔ Protection against counterfeit oil market
- ➔ Improved vehicle performance and reliability

GreenLand Testing & Inspection Services (Pvt) Ltd is ready to collaborate with oil marketing companies, gas distributors, transport fleets, workshops, and regulatory bodies to ensure safety, authenticity, and performance compliance.

We would welcome the opportunity to conduct inspections or arrange a technical meeting.

Sincerely,

GreenLand Testing & Inspection Services (Pvt) Ltd





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& INSPECTION SERVICES
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