



COMPANY PROFILE 2025

Our commitment to quality, integrity, and customer satisfaction is evident in every aspect of our operations.

MORE INFO

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Table of Contents

Our Team.	03
About Us	04
Our Services	05
Calibration Activities	06
Gas Detection Activities	07
E&I Services	08
Telecom & Security systems	09
Ex services	10
Testing	11
Electrical Testing & Commissioning	12
Non-Destructive Testing (NDT)	13
Growth Prospects	14
Business Strategies	15
Our Ethics and Morality	16
Goals and Philosophy	17
Doctrines	18
Our Skillset	19
Certificates of Achievement	20

Our Team.



Noori T. Ibrahim
CEO

"Highly experienced engineer with 10+ years of experience in calibration and testing."

Ahmed Noori
Operations Manager

"Results-driven professional with expertise in managing operations and driving success."

Khalel Jaber
Senior Engineer

"Highly skilled engineer with expertise in calibration, testing, and engineering consultancy."

Mohamad Jasim
Administrative
Assistant

"Dedicated professionals providing administrative support to ensure seamless operations."

About Us

Afaq Al-Jawda is a premier provider of calibration, testing, and engineering consultancy services, fueled by a dedication to excellence and an unwavering commitment to quality. Our team, consisting of four highly skilled professionals, delivers customized solutions designed to address the distinct needs of our clients.

Our core values revolve around:

- **Quality:** We pursue precision and excellence in every facet of our work.
- **Integrity:** We uphold transparency, honesty, and ethical standards in all our dealings.
- **Innovation:** We adopt state-of-the-art technologies and approaches to remain at the forefront of our field.
- **Customer-Centricity:** We place our client's needs at the heart of what we do, offering tailored support and expertise.

By embodying these principles, we strive to forge enduring partnerships with our clients, grounded in trust, dependability, and a mutual pursuit of excellence.

Key Facts:

- **Established:** 2025
- **Headquarters:** Intersection of Alcazar Street and 14 July Street
- **Team Size:** 4 professionals
- **Sectors Served:** Calibration, Testing, Engineering
- **Services Offered:** Calibration, Testing, Engineering Consultancy



Our Services



Calibration
Activities

Telecom&
Security systems

Gas Detection
Activities

Ex services

E&I

Testing

Calibration Activities

- All workshop and field test equipment: digital multimeters, signal, and power clamp meters using high-accuracy calibrators from Fluke and Mariani companies.
- Process transmitters for pressure, temperature, level, flow, I/P converters, and control valves using Hart communicators from Fluke, Meriam, and Amatic companies.
- Calibration of Temperature switches, Pressure switches, level switches, flow switches.
- Calibration of Thermocouples, RTDs. using a high high-accuracy Drywell calibrator.
- calibration of special process transmitters like Moisture analyzers using Moisture Generator (-70oC to +10 oC) Dew point and high accuracy moisture analyzer.
- Water cut meters using special software.
- Infrared thermometers using high accuracy Blackbody calibrator and fluke IR thermometer.
- calibration of Humidity meters calibration standard humidity chambers.
- Calibration of Earth resistance testers, Insulation resistant meters, Oil transformer testers, transformer winding Meters, AC/ DC Hi-pot testers.
- Calibration of Power measurement meters: Single-phase, two-phase, and three-phase meters Using Amprobe D-II power meter analysis and Fluke 41 single-phase power analyzer.
- Calibration of Thickness meters using accurate Test Block.
- Calibration of Radar level transmitter using tank level simulator with Hart Communicator.



Gas Detection Activities

- In this field our company has good experience in testing, repairing, and calibration of detectors from Honeywell, and Dräger MSA companies.
- Using standard Calibration gas from the international manufacturer with actual up-to-date Chemical analysis for each gas cylinder.
- Repairing faulty detectors and supplying spare parts and sensors from (O E M) is also one of our main services.
- Area monitor detector repair and calibration services.
- Our technicians have been specialists in this field for more than 5 years.



E&I Services

- Cable pulling, glanding, and termination for all the cables (HV, MV, LV, control, and instrument).
- Transformers installation and testing.
- Lighting system installation.
- Earthing and lightning system installation and testing.
- Cathodic protection installation and pre-commissioning.
- Instrument devices installation, inspection, and commissioning.
- Fire and gas (F&G) system installation and pre-commissioning.
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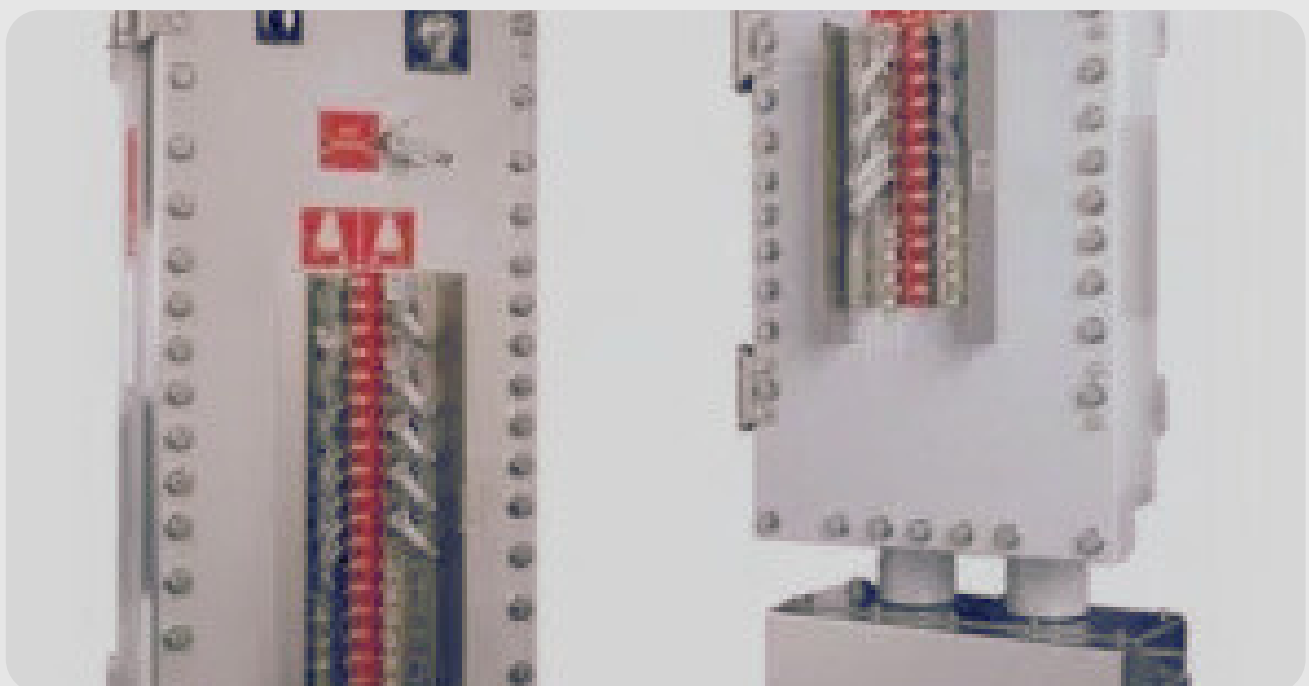
Telecom & Security systems

- Pulling fiber optic cables, splicing, and OTDR test.
- LAN cable installation and testing.
- Cabinets, ODFs, switches installation.
- CCTV system installation, pre-commissioning and commissioning.
- Access control system (ACS) installation and pre-commissioning.
- PAGA system installation and pre-commissioning.



Ex services

- Inspection for compliant and safe operation
- We have authorized certified engineers in Iraq to conduct critical fire and explosion protection inspections according to ATEX directives and other relevant regulations.
- As a recognized and experienced service provider for operational safety in explosive atmospheres, we put our local network of certified engineers to work for you.
- Benefit from our years of industrial and customer service experience, our high-quality standards, and our professional objectivity.
- We prepare, inspect, and test specialized solutions to meet your individual needs and ensure your compliance so that you can be sure your facilities are strongly protected and meet the highest safety standards.
- Learn more about how we can help you prevent explosions and create safe working spaces within danger zones. Call now!



Testing

- Conducting tests on various types of machines to ensure their functionality and quality.
- Recording data from tests in an organized and detailed manner.
- Identifying and diagnosing any issues or defects with the machines being tested
- Collaborating with engineers and other technical staff to troubleshoot and resolve any problems found during testing
- Ensuring that all safety protocols are followed during testing procedures
- Developing and implementing testing procedures and protocols to improve efficiency and accuracy
- Keeping up-to-date with industry trends and advancements in machine testing technology
- Performing routine maintenance on testing equipment to ensure accuracy and reliability



Electrical Testing & Commissioning

Our inspection and testing services for electrical rooms in oil and gas facilities ensure the safety, reliability, and compliance of electrical systems. These services are critical for minimizing downtime, preventing electrical hazards, and maintaining system integrity.

Key Inspection and Testing Services:

- Thermographic Inspection (Infrared Thermography)
- Detection of overheating components and potential failure points.
- Insulation Resistance Testing (Megger Test)
- Evaluation of insulation condition of cables, transformers, and switchgear.
- Earth/Ground Resistance Testing
- Verifying proper grounding and bonding systems.
- High-Potential (Hi-Pot) Testing
- Testing cable insulation under high voltage to detect weaknesses.
- Continuity Testing
- Ensuring proper conductor paths and connections.
- Circuit Breaker Testing
- Functional and timing tests to assess breaker reliability.
- Relay Testing and Calibration
- Validation and calibration of protection relays and control circuits.
- Switchgear and Panel Inspection
- Mechanical, visual, and functional inspection of LV/MV switchgear and panels.
- Transformer Testing
- Including winding resistance, turns ratio, and oil quality analysis.
- Cable Testing and Fault Location
- Identification and localization of cable faults using time domain reflectometry (TDR) and other methods.
- Partial Discharge Testing
- Detection of insulation defects in high-voltage components.
- Load Testing and Power Quality Analysis
- Ensuring balanced loads and identifying harmonics, voltage sags, and surges.



Non-Destructive Testing (NDT)

At Afaq Al-Jawda Co., we offer a comprehensive range of Non-Destructive Testing (NDT) services to ensure the structural integrity and reliability of critical components without causing damage. Our NDT solutions are designed to detect surface and subsurface flaws, verify material properties, and support preventive maintenance programs in the oil and gas industry.

Our certified NDT technicians utilize advanced methods and state-of-the-art equipment to provide accurate and timely assessments. We adhere to international standards such as ASNT, ISO, and API to ensure the highest level of quality and safety.

Our NDT services include:

- Visual Testing (VT)
- Ultrasonic Testing (UT)
- Radiographic Testing (RT)
- Magnetic Particle Testing (MT)
- Liquid Penetrant Testing (PT)

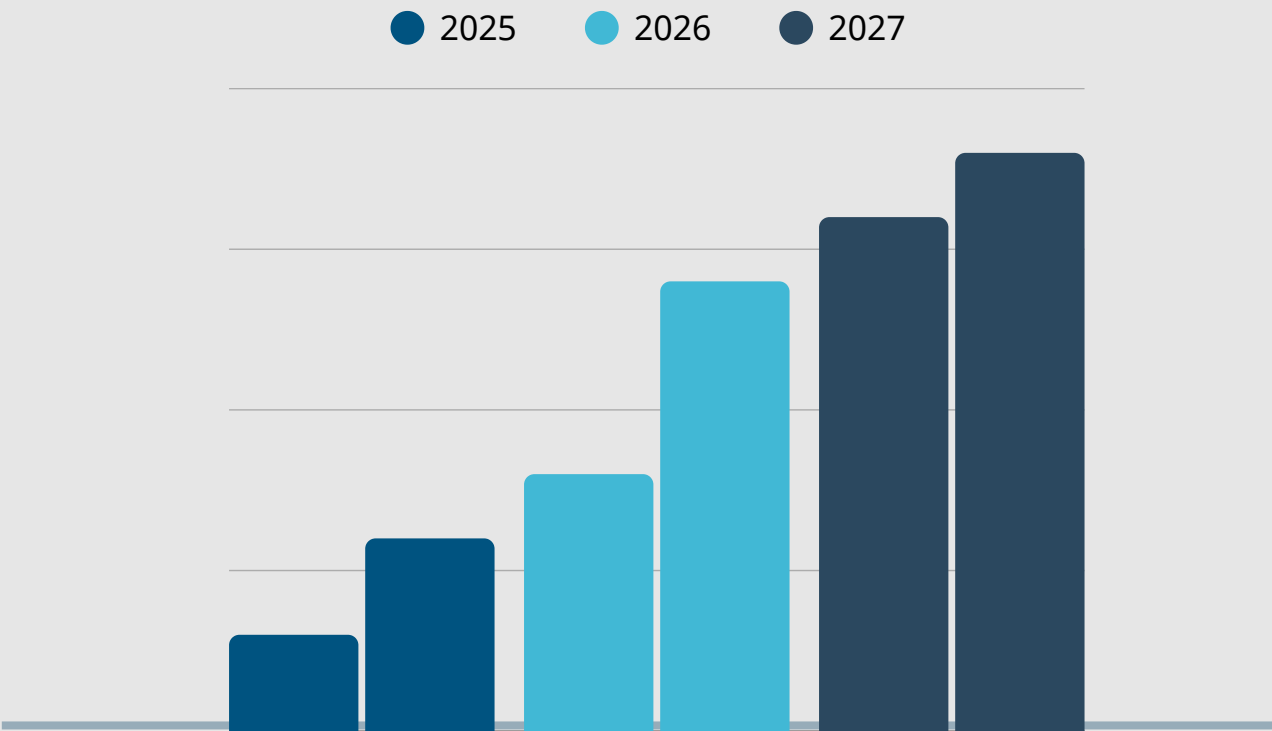


Whether for new construction, in-service inspection, or failure analysis, our NDT services play a crucial role in maintaining asset integrity and minimizing operational risk.

Growth Prospects



- At Afaq Al-jawda, we're committed to driving growth and expansion in the calibration, testing, and engineering services sectors. Our growth prospects are fueled by:
- Increasing demand for high-quality calibration and testing services
- Expanding our service offerings to cater to emerging industries and technologies
- Developing strategic partnerships with key players in the industry
- Investing in cutting-edge technologies and equipment to enhance our delivery service
- Our vision is to become the leading provider of calibration, testing, and engineering services in the region, recognized for our excellence, innovation, and customer-centric approach.



Business Strategies

Service Excellence

- Deliver high-quality calibration, testing, and engineering services that meet or exceed customer expectations
- Continuously improving our service delivery processes and methodologies

Innovation and Technology

- Stay at the forefront of industry trends and technological advancements
- Invest in cutting-edge equipment and software to enhance our service offerings

Customer-Centric Approach

- Build long-term relationships with our customers based on trust, reliability, and open communication
- Provide personalized support and tailored solutions to meet each customer's unique needs

Strategic Partnerships

- Collaborate with key players in the industry to expand our service offers and reach new markets
- Develop mutually beneficial partnerships that drive growth and innovation

Operational Efficiency

- Optimize our internal processes and systems to ensure efficient service delivery and cost-effectiveness
- Continuously monitor and improve our operational performance to meet the evolving needs of our customers

Our Ethics and Morality

At Afaq Al-jawda, we operate with a strong moral compass, guided by a set of core values and principles that shape our behavior and decision-making. Our commitment to ethics and morality is unwavering, and we strive to uphold the highest standards of integrity, transparency, and accountability.

Our Core Principles

1. **Honesty and Integrity:** We conduct ourselves with honesty, transparency, and integrity in all our interactions, whether with customers, colleagues, or stakeholders.
2. **Respect and Fairness:** We treat all individuals with respect, dignity, and fairness, regardless of their background, culture, or position.
3. **Responsibility and Accountability:** We take responsibility for our actions, decisions, and outcomes, and we hold ourselves account for meeting the highest standards of quality, safety, and ethics.
4. **Compliance and Governance:** We comply with all applicable laws, regulations, and industry standards, and we maintain effective governance structures to ensure our operations are transparent, accountable, and responsible.

Our Commitment

1. We will maintain the highest standards of ethics and morality in all our business dealings.
2. We will foster a culture of transparency, accountability, and responsibility within our organization.
3. We will ensure that our operations are environmentally sustainable, socially responsible, and economically viable.
4. We will engage with our stakeholders, including customers, colleagues, and the wider community, to promote our values and principles.

By upholding these principles and commitments, we aim to build trust, credibility, and long-term relationships with our stakeholders, while contributing to the well-being of our community and the environment.

Goals and Philosophy

At Afaq Al-jawda, we are driven by a clear set of goals and a guiding philosophy that shapes our approach to delivering exceptional calibration, testing, and engineering services.



1. Deliver Exceptional Quality: To provide high-quality services that meet or exceed our customers' expectations.
2. Foster Long-Term Relationships: To build trust, credibility, and long-term relationships with our customers, partners, and stakeholders.
3. Drive Innovation and Excellence: To stay at the forefront of industry trends and technological advancements, and to continuously improve our services and processes.
4. Promote Sustainability and Social Responsibility: To ensure that our operations are environmentally sustainable, socially responsible, and economically viable.

1. Customer-Centricity: We put our customers at the heart of everything we do, and we strive to deliver services that meet their unique needs and expectations.
2. Integrity and Transparency: We operate with integrity, transparency, and accountability in all our interactions, and we maintain the highest standards of ethics and morality.
3. Innovation and Continuous Improvement: We encourage a culture of innovation, creativity, and continuous improvement, and we invest in the latest technologies and methodologies to stay ahead of the curve.
4. Collaboration and Partnership: We believe in the power of collaboration and partnership, and we work closely with our customers, partners, and stakeholders to deliver exceptional results.

By living our goals and philosophy, we aim to make a positive impact on our customers, our community, and the environment, while delivering exceptional calibration, testing, and engineering services.

Doctrines

At Afaq Al-jawda, we operate according to a set of guiding doctrines that shape our approach to delivering exceptional calibration, testing, and engineering services.

Our Doctrines

1. **Quality is Paramount:** We prioritize quality in every aspect of our work, from service delivery to customer support.
2. **Customer Satisfaction is Key:** We strive to exceed our customers' expectations and build long-term relationships based on trust and satisfaction.
3. **Integrity and Transparency are Essential:** We operate with integrity, transparency, and accountability in all our interactions.
4. **Innovation and Continuous Improvement are Crucial:** We encourage a culture of innovation, creativity, and continuous improvement to stay ahead of the curve.
5. **Collaboration and Partnership Drive Success:** We believe in the power of collaboration and partnership to deliver exceptional results.

Our Guiding Principles

1. We prioritize safety, quality, and customer satisfaction in every aspect of our work.
2. We operate with integrity, transparency, and accountability in all our interactions.
3. We invest in our people, processes, and technologies to drive innovation and continuous improvement.
4. We foster a culture of collaboration, partnership, and open communication to deliver exceptional results.

By living these doctrines and guiding principles, we aim to make a positive impact on our customers, our community, and the environment, while delivering exceptional calibration, testing, and engineering services.

Our Skillset

At Afaq Al-jawda, we possess a comprehensive range of skills and expertise that enable us to deliver exceptional calibration, testing, and engineering services.

Technical Skills

1. Calibration and testing of various equipment and instruments
2. Engineering design and development
3. Quality control and assurance
4. Metrology and measurement uncertainty
5. Statistical process control

Industry Expertise

1. Calibration and testing services for various industries, including:
2. Aerospace
3. Automotive
4. Energy
5. Healthcare
6. Manufacturing
7. Engineering consultancy services for:
8. Design and development
9. Quality control and assurance
10. Process improvement and optimization

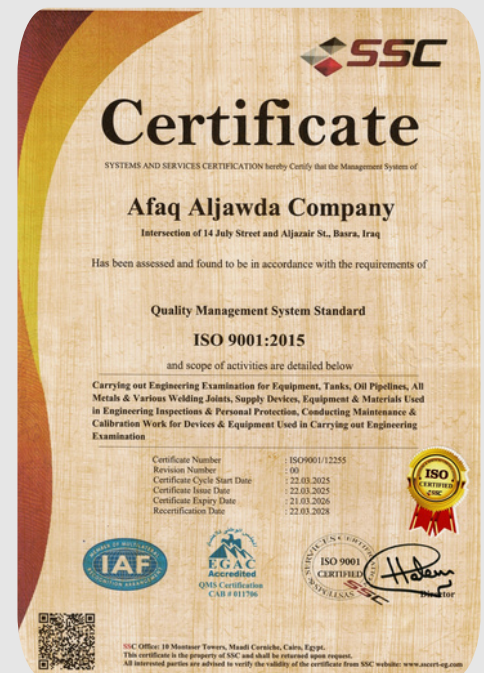
Soft Skills

1. Effective communication and interpersonal skills
2. Project management and coordination
3. Problem-solving and analytical thinking
4. Time management and organization
5. Adaptability and flexibility

By leveraging our comprehensive skillset, we can deliver high-quality services that meet the unique needs of our customers.

Certificates of Achievement

At Afaq Al-jawda, we are proud to have received recognition for our commitment to excellence and quality. Here are some of our notable certificates of achievement:





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