

Ahmed Yahya Aldukhi

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Manufacturing and Quality Engineer with a bachelor's degree in manufacturing engineering technology from Eastern Washington University (GPA: 3.29/4.0). Experienced in quality assurance, inspection of lifting equipment, and calibration across energy, oilfield, and railway industries. Skilled in supporting business operations, ensuring compliance with international standards, and collaborating with diverse teams to achieve organizational goals. Certified in ISO standards and safety practices, with a strong focus on operational excellence and process improvement.

Experience

JULY 2023 – PRESENT

Quality Engineer | ITS – Inspection & Technical Survey Company

- ENSURE QUALITY ASSURANCE IN CALIBRATION LABS AND INSPECTION BODIES, MAINTAINING COMPLIANCE WITH ISO/IEC 17025 STANDARDS.
- PERFORM CALIBRATION AND TESTING OF PRECISION EQUIPMENT, INCLUDING TORQUE WRENCHES, MULTIMETERS, PRESSURE GAUGES, AND PRESSURE RELIEF VALVES.
- CONDUCT INTERNAL AUDITS AND ASSESSMENTS TO VERIFY ADHERENCE TO ISO/IES STANDARDS AND IMPROVE LAB OPERATIONAL EFFICIENCY.
- SUPPORT DOCUMENTATION, TRACEABILITY, AND REPORTING TO ENSURE FULL COMPLIANCE WITH INTERNATIONAL QUALITY AND SAFETY REGULATIONS.

JULY 2021 – JUNE 2023

Quality Engineer | Saja Energy Co.

- Inspected manufacturing engineering technology equipment including casing & cementing tools, downhole drilling equipment, completion equipment, wellheads, and production techniques.
- Supported compliance with safety and quality standards.

AUGUST 2018 – DECEMBER 2018 INTERNSHIP

MECHANICAL TECHNICIAN | SAUDI RAILWAY ORGANIZATION

- Maintained and repaired train wagons
- Serviced and troubleshooted mechanical systems

Certifications

- ISO/IES 17021-1: Understanding for Management System Certification Bodies – IAS & Saudi Accreditation
- ISO 9001:2015 Lead Assessor: Quality Management System
- LEEA Certified: Manual Lifting Machinery and Lifting Accessories
- ISO/IES 17020:2012: Requirements for Inspection Bodies
- ISO/IES 17025:2017 Lead Assessor: Competence of Testing and Calibration Laboratories

Skills

QUALITY & AUDITING:

- CONDUCT INTERNAL AND EXTERNAL AUDITS BASED ON **ISO/IES 17021, ISO 9001:2015, ISO 45001, ISO 14001** STANDARDS.
- LEAD ASSESSMENTS FOR MANAGEMENT SYSTEMS AND ENSURE COMPLIANCE WITH INTERNATIONAL QUALITY, SAFETY, AND ENVIRONMENTAL STANDARDS.
- PERFORM **SUPPLIER AUDITS** TO EVALUATE COMPLIANCE WITH COMPANY AND REGULATORY REQUIREMENTS.

INSPECTION & CERTIFICATION EXPERTISE:

- APPLY ISO/IES **17020** REQUIREMENTS FOR INSPECTION BODIES AND ISO/IES **17025** STANDARDS FOR TESTING AND CALIBRATION LABORATORIES.
- EXPERIENCED IN HANDLING **EXTERNAL AUDITS** FROM ACCREDITATION BODIES AND ENSURING AUDIT READINESS.
- CERTIFIED IN **LEEA STANDARDS** FOR MANUAL LIFTING MACHINERY AND LIFTING ACCESSORIES.

TECHNICAL & OPERATIONAL SKILLS:

- CALIBRATION AND TESTING OF EQUIPMENT, INCLUDING TORQUE WRENCHES, MULTIMETERS, PRESSURE GAUGES, AND PRESSURE RELIEF VALVES.
- SUPPORTING OPERATIONAL EXCELLENCE, PROCESS IMPROVEMENT, AND DOCUMENTATION FOR COMPLIANCE.
- COLLABORATION WITH DIVERSE TEAMS ACROSS ENERGY, OILFIELD, AND INDUSTRIAL SECTORS.

Achievement

- Successfully obtained **SAAC and SASO approvals** for company operations, ensuring full compliance with Saudi accreditation and standards.
- Led preparation, documentation, and audits for regulatory submissions, achieving official approval for inspection and calibration activities.
- Recognized for maintaining high standards in quality assurance, calibration, and inspection processes across multiple industries.