

MUHAMMAD WAQAS

Al-khobar, KSA. 34224 | +966-580237447 | engnr.waq@gmail.com

Summary:

Experienced quality management professional specializing in **ISO/IEC 17025, ISO 9001:2015, 14001, 45001** compliance and quality management systems. Successfully led laboratory setup, accreditation, and internal audits as a lead assessor for testing labs under SAAC. Skilled in risk assessment, CAPA development, and stakeholder engagement to maintain regulatory compliance. Demonstrated leadership in mentoring, documentation control, and SOP development to drive operational excellence.

Skills:

- Laboratory management and operations
 - ISO/IEC 17025 compliance
 - Internal auditing and quality assurance
 - Lead assessor for testing labs SAAC
 - Laboratory setup and accreditation
 - Quality management systems implementation
 - Risk assessment and CAPA
 - Team leadership and mentoring
 - Documentation control and SOPs
 - Stakeholder engagement and compliance
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Work History:

Laboratory Manager International Technical Laboratory

Tabuk, KSA | Dec-2023-Current

- Led and managed a team of 23 staff, overseeing recruitment, training, and performance evaluations.
- Implemented and maintained quality management systems compliant with ISO/IEC 17025 and 9001 standards.
- Ensured testing procedures adhered to industry standards and regulatory requirements and international standards as per ASTM, AASHTO, ACI and BS.
- Conducted regular internal and external audits to promote compliance and continuous improvement.
- Supervised validation of test results to guarantee accuracy and precision.
- Developed and updated standard operating procedures for laboratory tests and equipment usage.
- Liaised with clients to identify testing needs and enhance customer satisfaction.
- Enforced health and safety regulations while conducting risk assessments and implementing corrective actions.

Laboratory Manager Ansab General Contracting Co,

Al-Khobar, KSA | April-2021- Dec 2023

- Ensured quality management and performance improvement initiatives.
- Identified and investigated quality control issues, recommending solutions.
- Ensured the lab followed all accrediting standards.
- Provided guidance and information to engineers and technicians for laboratory setup.
- Implemented QMS ISO 9001:2015 and ISO/IEC 17025:2017, ensuring ongoing efficiency.
- Conducted regular internal and external quality control audits.
- Developed and maintained a system for monitoring and evaluating quality control data.
- Implemented corrective actions to improve operational efficiency.
- Coordinated and accepted contractors' deliverables, including quality plans and inspection documents.
- Organized the means to solve complex technical problems.
- Counseled and supported the team in improving capabilities and increasing stability.

Material Engineer Marona General Contracting Co,

Al-Qatif, KSA | April-2019- April - 2021

- Planned, scheduled, and implemented material testing programs.
- Inspected and evaluated quarry aggregate materials for construction projects.
- Developed sustainable asphalt mix designs and followed the approval process.
- Examined and tested stockpile aggregates, soil, and concrete for quality testing.
- Investigated test results and troubleshoot process-related problems.
- Enhanced lab organization and productivity.
- Participated with clients and third-party witnesses in testing details.
- Formulated and maintained laboratory operating guidelines.
- Generated regular interval progress reports.
- Supervised calibration of asphalt plant and laboratory instruments.

Material Engineer China State Construction Engineering Corporation

Multan, PAK | Mar-2018- Dec - 2018

- Performed testing and supervision of SBS-modified polymer bitumen.
- Improved and updated construction materials quality per standards (ASTM, AASHTO, ACI).
- Responsible for concrete and asphalt mix design and materials testing.
- Resolved client and consultant issues regarding material approval.
- Submitted weekly and monthly progress reports.
- Coordinated calibration of plant equipment and laboratory apparatus.

- Assisted in organizing and maintaining lab equipment.
- Complied with site health and safety regulations.

Geologist Dr. Mahdi Alsuliman Soil Mechanics Laboratory

Jeddah, KSA | July-2013- Dec – 2017

- Facilitated preliminary subsurface geotechnical investigations.
- Executed field investigations and in situ sampling procedures.
- Performed soil laboratory testing and grain size analysis.
- Trained UBT civil engineering students on geotechnical sites and laboratory testing.
- Conducted NDT testing and inspection of multistory buildings.
- Managed budget tasks and monitored expenses.
- Developed geologic cross-sections for geotechnical reports.
- Wrote technical reports and provided site-specific recommendations.

Material Engineer Al-Jazira Al-Arabia Contracting Co. Ltd

Mecca, KSA | Dec-2011- June- 2013

- Executed and analyzed all laboratory and field test sampling.
- Established Hot Mix Asphalt Designs and followed the approval process.
- Involved in concreting at structures in the Awali area, Makkah.
- Created site testing plans and generated reports.
- Coordinated with the Document Controller to ensure document compliance.
- Organized materials delivery and ensured standard compliance.

Education and Professional Certifications:

- **University Of Sargodha** Bs Geology (Major Geochemistry)
- **Saudi Accreditation Center (Assessor/ Lead Assessor ISO/IEC 17025:2017)**
- **CQI IRCA** Practitioner (PCQI)
- **ACSGP** Lead Auditor ISO 9001:2015
- **CQI IRCA Internal Auditor (ISO/IEC 17025:2017) LQMS**

Languages:

- ✓ **English: Advanced**
 - ✓ **Arabic: Fluent**
 - ✓ **Urdu: Native**
 - ✓ **Hindi: Fluent**
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