

# Abdallah Mohamed Salah

## Materials & Quality Control Engineer

Egyptian, Resident in KSA, **0544016803**, geoabdo@outlook.com

A highly experienced Materials and Quality Control Engineer with over 10 years of practical experience in the construction of roads, bridges, and infrastructure works. Possesses strong expertise in both materials engineering and quality control across various projects. Highly skilled in the implementation of quality control systems, including quality monitoring during the execution of work activities, and the preparation, review, and implementation of essential quality documents such as Project Quality Plans (PQPs), Inspection and Test Plans (ITPs), and Method Statements. Experienced in handling material submittals and coordinating approvals with suppliers and consultants. Expert in performing asphalt and concrete mix designs, with extensive experience in supervising production processes at batching plants and executing quality tests on raw materials to ensure compliance with specifications and standards. Additionally, proficient in overseeing aggregate production at crusher plants, maintaining consistent quality and conformity to requirements.

## Skills

- **Quality Control Management :**
  - Familiar with Quality Standards and Documentation.
  - Materials review and approval.
  - Preparation and application of all quality documents (PQP, PQD, MS, ITP, MIR, MAR, etc.).
  - Audit ISO 9001:2015.
  - Hand over numerous projects to (MOT), AMAALA, and MODON authorities.
- **Materials Engineering & Mix Designs:**
  - Perform Concrete mix designs to various grades.
  - Perform Asphalt mix designs (Superpave & Marshall).
  - Expert in inspecting various materials in coordination with the consultant.
  - Full management of materials and laboratory quality control, and executing required site and laboratory tests for all materials in both the company's laboratory and third-party labs.
  - Preparing technical reports and coordinating with third-party laboratories to carry out tests, obtain official reports, and submit them to the consultant
  - ISO 17025: 2017
- **Leadership & Continuous Improvement:**
  - Leadership, Coaching, and Team Empowerment.
  - Continuous Improvement , Solution Focused and Innovative thinking to resolve issues

## Professional qualification

- ISO 9001:2015 Lead Auditor -QMS CQI/IRCA course- IRCA Certified
- Internal Auditing of Management system course – CASCO Certified
- Asphalt mixing with Superpave method course - MOT Certified
- ISO 17025:2017 for Testing and Calibration Laboratory course -ISO Certified
- Approved from Red Sea Global (AMAALA) as a QA/QC Civil Engineer
- Approved from Red Sea Global (AMAALA) as a Materials Engineer
- Approved from MOT as a Materials Engineer

## Experience

### ❖ AL ENJAZ FOR TRADING AND CONTRACTING (ENJAZCO) 11/2021 – PRESENT

**1- Materials & Quality Control Engineer** | Al-Medinah al Munawara | 04/2025 - PRESENT

**project :** Execution of Two Infrastructure and Roadwork Projects for MODON within the Industrial City

**Scope of Work:** Infra structure (Stormwater, Sanitary, Potable, Medium and low voltage, Telecommunication , Street lighting), Open stormwater drainage channel, Reinforced concrete structural works and all scope items related to roadworks.

#### **Key Achievements & Responsibilities:**

- Daily supervision and follow-up of on-site activities such as backfilling, concrete works, asphalt works, utility Laying, excavations, protections, and Connections.
- Full management of materials and laboratory quality control
- Performed all asphalt and concrete mix designs.
- involvement in quality control activities for infrastructure works, including pipeline networks, connections, manholes, and inspection chambers, as well as monitoring steel reinforcement works for culverts and sewage lift stations.
- Inspected various materials supplied by approved vendors in coordination with the consultant.
- Conducted on-site inspections with the consultant according to the Method Statement and ITP.
- Executed required site and laboratory tests for all materials in both the company's laboratory and third-party laboratory for construction and utility materials.
- Prepared technical reports and coordinating with third-party laboratories to carry out tests, obtain official reports, and submit them to the consultant.

**2- Quality Control Engineer** | Al Wajh - AMAALA | 12/2023 - 05/2025

**project :** Execution of two intersection bridges in the Triple Bay project, AMAALA Development Project under Red Sea Global (RSG)

**Scope of Work.:** Culverts,Mountain stabilization using soil nails and shotcrete application,Piles execution for bridges,Bridg construction works,Riprap , gabion,Electrical works ,Drainage systems,Bridge body, Waterproofing for concrete structures, and all scope items related to roadworks

### **Key Achievements & Responsibilities:**

- Daily supervision and follow-up of on-site activities such as Supervising the construction of various bridge components such as foundations, piers, abutments, girders, deck slabs. & backfilling, Steel Reinforcement works, concrete works, Waterproofing works, asphalt works, Concrete barriers works - in both projects.
- quality control activities for Supervising the construction of various bridge components especially in TBSI project .
- Prepared quality control documents (PQP, PQD, MS, ITP, Materials approval procedure ... etc
- Performed all asphalt and concrete mix designs.
- Inspected various materials supplied by approved vendors in coordination with the consultant.
- Conducted on-site inspections with the consultant according to the Method Statement and ITP.
- Full management of materials and laboratory quality control and Executing required site and laboratory tests for all materials in both the company's laboratory and third-party laboratory.
- Prepared technical reports and coordinating with third-party laboratories to carry out tests, obtain official reports, and submit them to the consultant.

### **3- Materials Engineer | Jazan | 11/2021 - 12/2023**

**projects :** a-- Surface intersection implements and new lanes construction for 10 dual-direction intersections and U-Turn in various locations across Jazan.

b-- Preventive maintenance project for Al-Mahniyah–Al-Mudhnib road in Al-Dayer, Jazan, involving: Construction of retaining walls and Enhancing the efficiency of the road adjacent to the valley

**Scope of Work :** Soil works, Asphalt paving works, Culverts works, Retaining walls, Riprap , Gabbion, Concrete works, Asphalt milling and paving, Concrete barriers works, U-turns works and all scope items related to roadworks.

### **Key Achievements & Responsibilities:**

- Daily supervision and follow-up of on-site activities
- Perform Concrete and Asphalt various mix designs
- Select proper materials from quarry and aggregate from crushers to use it complying with specifications
- Conducting on-site inspections with the consultant
- Full management of materials and laboratory quality control and Executing required site and laboratory tests for all materials in the company's laboratory
- Preparing technical reports and submit them to the consultant.

### **❖ STRONG SPREAD COMPANY**

**06/2019 – 10/2021**

➤ **Project:**- Rehabilitation of aircraft taxiways at King Khalid Air Base in Khamis Mushait.

**Position in project:** Materials Engineer & QC Engineer

**Scope of Work :** Soil works, Asphalt paving works, , Riprap, Pipe line infra structure works (Potable water and sewer networks), Concrete works, Asphalt milling and paving, Concrete barriers works, Road painting, Sign Boards, Side walk

### **Key Achievements & Responsibilities:**

- Daily supervision and follow-up of on-site activities such Road construction (Soil and Asphalt works), Infra structure works, Asphalt milling and Paving.
- quality control activities for Supervising the construction.
- Performed all asphalt and concrete mix designs.
- Preparing quality control documents (PQP,PQD,MS,ITP, Materials approval procedure ... etc
- Inspected various materials supplied by approved vendors in coordination with the consultant.
- Conducted on-site inspections with the consultant according to the Method Statement and ITP.
- Executed required site and laboratory tests for all materials in both the company's laboratory and third-party laboratory.
- Prepared technical reports and coordinating with third-party laboratories to carry out tests, obtain official reports, and submit them to the consultant

### **❖ AL DAKHEL COMPANY FOR CONCRETE READY MIX 03/2018 TO 06/2019**

**Project:-** Concrete Supplier for Various Projects

**Position:** Materials & Quality Control Engineer

### **Key Achievements & Responsibilities:**

- Supplying concrete to different projects, meeting requirements as per client specifications.
- Working on in-house projects such as with clients- the Royal Commission, municipalities, and private sector developments.

### **❖ AL MANDARYAH COMPANY 05/2016 TO 03/2018**

**Project:-** Managing the Laboratory Operations of Madinah& Jeddah Municipalities

**Position:** MATERIALS & QC INSPECTOR

### **Key Achievements & Responsibilities:**

- Supervising execution and maintenance works, monitoring contractor performance, and ensuring third-party acceptance of contractor deliverables.
- Quality control for asphalt and concrete plants in Jeddah Municipality and Madinah Municipality.

## Education

Bachelor of science in Geology (Geochemistry) - Graduated in 2012 / Born in 09/1988

## LANGUAGES

• Arabic Native Language

English: Very good

Thank you for caring