

HASSAN HAIDAR AHMAD

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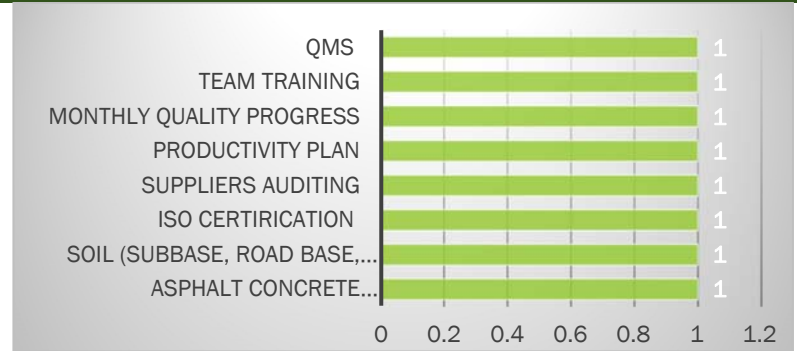
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PROFILE

Professional Quality Director certified six sigma (SSBB,SSGB,SSYB), Lean Construction, PMP and QMS lead Auditor over 20 years' experience, it begins from Advanced construction for technology services related to material

SKILLS



WORK EXPERIENCE

A- SENIOR QUALITY MANAGER
JH CONSTRUCTION
September 2021-till present
Key Responsibilities:

1. Strategic Leadership:

- Develop, implement, and oversee the company-wide quality assurance and quality control programs.
- Establish and maintain quality policies, procedures, and standards to align with industry regulations and best practices (e.g., ISO, ASTM, AASHTO).
- Provide strategic direction for quality improvement initiatives.

2. Project Quality Management:

- Ensure QA/QC plans are developed, implemented, and maintained for all projects.
- Monitor project deliverables to ensure compliance with client specifications, regulatory requirements, and internal standards.
- Oversee testing and inspection activities, including materials testing (e.g., asphalt, aggregates, cement) and process control.

3. Team Leadership:

- Lead and mentor the QA/QC team to maintain a highly skilled workforce.

testing till JH construction as senior Quality Manager as infrastructure Quality leader expertise in leading the quality control specialized in road works and material with a proven track record of ensuring the highest standards in project delivery and strategic thinker with a keen focus on process optimization and continuous improvement to drive excellence in every aspect of infrastructure development in parallel to the production of subbase, Road base, and CBM1, CBM2, CBM3 designs by for client in addition to the daily production and recipe to satisfy the QCS 2014 requirements with the asphalt mix designs for BC-A, BC-B and WC for bitumen 60/70, PMB and CRMB also dealing with JH projects as main and subcontractor to lead the company for commercial KPI and handing over plan for all projects towards Ashghal procedures.

Key Achievements:

1. Strategic Quality

Leadership: Successfully led the development and implementation of comprehensive quality management strategies for major infrastructure projects, resulting in improved overall project efficiency and reduced costs.

2. Regulatory Compliance:

Demonstrated expertise in navigating and ensuring compliance with industry regulations and standards. Led teams through successful audits, maintaining a track record of zero compliance issues.

- Conduct regular training and capacity-building programs to enhance technical expertise and awareness of quality standards.
- Collaborate with project managers, engineers, and clients to resolve quality-related issues.

4. Audits and Compliance:

- Plan and conduct internal audits to ensure compliance with quality management systems and standards.
- Oversee third-party audits and ensure timely resolution of non-conformities.
- Maintain documentation for certifications, regulatory requirements, and client audits.

5. Performance Monitoring and Reporting:

- Analyze quality performance metrics, identify trends, and implement corrective and preventive actions.
- Prepare and present regular reports on quality performance, compliance, and improvement plans to senior management.

6. Client and Stakeholder Engagement:

- Liaise with clients, contractors, and regulatory bodies to ensure satisfaction with quality deliverables.
- Address client concerns or complaints related to quality in a timely and professional manner.

7. Continuous Improvement:

- Drive continuous improvement initiatives to enhance quality processes, reduce waste, and optimize resources.
- Stay updated on the latest industry trends, technologies, and best practices in quality management.

8- Additional improvements to:

- Directs and oversees the quality control department and supervisory staff.
- Conducts performance evaluations that are timely and constructive.
- Evaluates production operations from a strategic level to ensure that products meet quality, integrity, functionality, and other specifications and requirements. Collaborates with management and senior staff across production departments and roles to draft acceptable quality standards.

3. **Cross-Functional**

Collaboration: Effectively collaborated with cross-functional teams, fostering a culture of quality throughout all phases of projects. Implemented training programs to enhance the quality awareness and skills of project teams.

4. **Risk Management:**

Implemented robust risk management protocols, identifying potential quality risks early in the project lifecycle and developing proactive mitigation strategies.

5. **Cost Savings:** Implemented cost-effective quality assurance measures, leading to significant cost savings while maintaining and enhancing the overall quality of deliverables.

- Develops and implements quality standard testing and evaluation processes.
- Facilitates communication among production divisions and management.
- Assesses test results and approves recommended changes.
- Reviews quality control documentation such as checklists, logs, and reports for effectiveness, accuracy, and relevance.
- Conducts random inspections and quality control checks. Periodically reports status of quality control and operations to executive leadership and, when required, regulatory agencies.
- Performs other related duties as assigned.
- Testing and sampling products, ensuring they meet set standards and specifications
- Developing quality control policies and standards for the company to follow
- Training staff members on the quality control processes and policies
- Overseeing quality control processes, and a team of QA specialists
- Conducting in-house audits of product inventory and documentation
- Confirming all products are properly labeled before output.
- Investigating customer complaints
- Ensuring safety procedures and processes
- Assessing operational data and identifying quality problems
- Establishing strategies to improve efficiency and profitability in the organization, as well as put out higher quality goods.

B- QUALITY MANAGER

JH CONSTRUCTION

January 2019 till September 2021

- Understand customer needs and requirements to develop effective quality control processes
- Devise and review specifications for products or processes
- Set requirements for raw material or intermediate products for suppliers and monitor their compliance
- Ensure adherence to health and safety guidelines as well as legal obligations
- Supervise inspectors, technicians and other staff and provide guidance and feedback
- Oversee all product development procedures to identify deviations from quality standards.
- Inspect final output and compare properties to requirements
- Approve the right products or reject defectives
- Keep accurate documentation and perform statistical analysis

- Solicit feedback from customers to assess whether their requirements are met
- Submit detailed reports to appropriate executives.
- Be on the lookout for opportunities for improvement and develop new efficient procedures.

C- QUALITY MANAGER

AL JABER & MAKHLOUF

November 2008 till January 2019

- handled several projects where I lead the quality department to higher level. Messaied project, Manateq, ISF, wakra development, maintenance projects, Midmak in Lusail as subcontractor for soil and asphalt concrete laying, Samsung in Lusail as subcontractor for soil and asphalt concrete laying, Fourousia Project, orbital highly way contract 3, B-ring road project were my role was to Identify strategic and productivity initiatives to improve quality & velocity; drive execution and desired outcome;
- Hire and nurture 'best in industry' staff.
- Manages and provides training to employees on aspects of the QMS that are relevant to their role.
- Support project and service teams on quality assurance and warranty obligations.
- Leads and supports periodic management reviews.
- Operational Quality Assurance.
- Works with departments to develop and monitor key performance indicators to assess performance of the organization and guide improvement efforts;
- Track and manage non-conformances reports (NCRs) and anomalies with the vendor for closure.
- Manages corrective and preventative action (CAPA) process and lead continuous improvement activities;
- Reviews verification and validation plans and reports;
- Manage within the team Configuration and Documentation Management (CADM) needs and obligations of the organization;
- Create and maintain awareness of relevant matters by preparing and providing training / information sessions.
- Support the evaluation and possibly the implementation of other quality certification standards.
- Manages internal audit program and works with process owners to improve & ensure compliance of their procedures.

D- HEAD OF HE CENTRAL LAB

ADVANCED CONSTRUCTION TECHNOLOGY SERVICES

July 2002 till November 2008

Duties and Responsibilities

- Ensures a tidy workplace in the central laboratory.
- Examines and prepares samples for testing.
- Overall responsibility of the maintenance of all laboratory equipment, vehicles, training apparatus, documents, books, manuals and inventory allocations.

- Tests and analyzes sample products for chemical & physical properties.
 - approve sample products for physical properties according to the company needs.
 - Ensures implementation of all health and safety adopted procedures.
 - Compiles and analyzes test information to determine operating efficiency of process or equipment and to diagnose malfunctions.
 - Approves test results.
 - Reviews final test reports as directed by the Head of material testing divisions.
 - Ensures that test equipment in the central laboratory are timely and regularly maintained and calibrated
 - Prepares daily summary checklist and hands it over to Head of material testing division.
 - Prepares weekly summary report of the overall operation of the department and hands it over to Head of material testing division.
 - Coordinates with the Technical Division for technical related issues and for the training of employees in the Central Laboratory
 - Ensures that tests are carried with integrity and accuracy and that test equipment are functioning in good condition.
 - Oversees the testing activities in all departments and ensures that all testing is carried in accordance with appropriate standards and in line with company policies and procedures for safety and integrity.
 - Recommends internal trainings for his subordinates if needed in testing activities.
 - Assists in the training of Senior Technicians, laboratory engineers, Technicians and Trainee Technicians.
- Supervisory Responsibilities**
- Directly supervises employees in the central office and site laboratories associated with the organization.

QUALITY ASSURENCE

- Trained on ISO 9001-2000 and currently training on implementing the ISO IEC 17025 for testing and calibration facilities as Internal Auditor for ISO 9002 and ISO 17025:
- Attend the **Proficiency Testing** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Training Module on the Accreditation Process** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Laboratory Method Validation** Seminar organized by the ministry of economy and trade (QUALEB quality program),
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- Attend the **Basic ISO 17025** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **ISO 17025 Laboratory Managers** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Advanced ISO 17025** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Method Validation ISO 17025** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Uncertainty budgeting for Testing Laboratories ISO 17025** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Experience Exchange Group Laboratory Management on implementation of ISO 17025 requirements towards accreditation of Laboratories** Seminar organized by the ministry of economy and trade (QUALEB quality program),
- Attend the **Internal Audit of ISO 17025** Seminar organized by the ministry of economy and trade (QUALEB quality program), **Quality ASSURANCE in production procedures.**
- Achieves quality assurance operational objectives by contributing information and analysis to strategic plans and reviews; preparing and completing action plans; implementing production, productivity, quality, and client-service standards; identifying and resolving problems; completing audits; determining system improvements; implementing change.
- Meets quality assurance objectives by analyzing variances, initiating corrective actions.
- Develops quality assurance plans by identifying critical control points and preventive measures; establishing critical limits, monitoring procedures, corrective actions, and verification procedures; monitoring inventories.
- Validates quality processes by establishing product specifications and quality attributes; measuring production; documenting evidence; determining operational and performance qualification.
- Maintains and improves product quality by completing product, company, system, compliance, and surveillance audits; investigating client complaints; collaborating with other members of management to develop new product and engineering designs, and manufacturing and training methods.
- Prepares quality documentation and reports by collecting, analyzing, and summarizing information and trends including failed processes, stability studies, recalls, corrective actions, and re-validations.
- Enhances department and organization reputation by accepting ownership for accomplishing new and different requests, exploring opportunities to add value to job accomplishments.

EDUCATION

MASTERS ON ANALYTICAL CHEMISTRY
BEIRUT ARAB UNIVERSITY
1998 till 2004

- **ACI, Grade I certified.**
- **ISO 17025 certified** Chemical analysis of cement, setting time, consistency, compressive of cement mortar, flexural strength, density, Chloride in aggregate, Sulfate in aggregate, Chloride in concrete, Sulfate in concrete, Chemical analysis of water for use in concrete, Penetration of bitumen, Loss on heating for bitumen, Distillation for emulsified asphalt, Distillation of cutback, Marshall properties of hot mix asphalt, extraction and binder content, Dynamic shear for PMB, BBR & RTFO for PMB, Aging test, Reflux of asphalt, Softening point of bitumen, Flash fire point of bitumen, Solubility of asphalt material, Gloss of paint, Color of paint, Hiding power of paint, pH of admixture, Specific gravity of admixture, Solid content of admixture
- **Grontmij** The use and maintenance of FWD (2011-2012)
- **Professional development certification from Asphalt Institute** National binder certification confirming the precepts of engineering, researching and education.
- **Western regional Super pave Center from University of Nevada, Reno** Hot Mix asphalt design as Per Qatar standards 2010
- **Poly-modified bitumen testing from Arab center for Engineering Studies** Certified with special training with the advance techniques and skills in preparation for testing Poly-modified bitumen as per ASTM and AASHTO
- **Professional development certification from Asphalt Institute** Certified in asphalt pavement technologies course in confirming the precepts of engineering, researching and education.
- **6sigma yellow, green, black belt certification from 6sigma study** Certified in 6 sigma processes confirming the precepts of engineering, researching and education.
- **BVQI** Attend training courses in **ISO 9001, ISO 14001, ISO 18001** for health safety and Environmental.
- **PMP**

- **Construction Management for lean construction**
- **QMS Auditor Lead Auditor**
- **Master Class in Quality Management in Kaizen Practitioner**
- **Team Leadership and Team building 2023 Master class**
- **Certificate for participation in 2020 infrastructure conference**
- **Implementing Lean a case study**

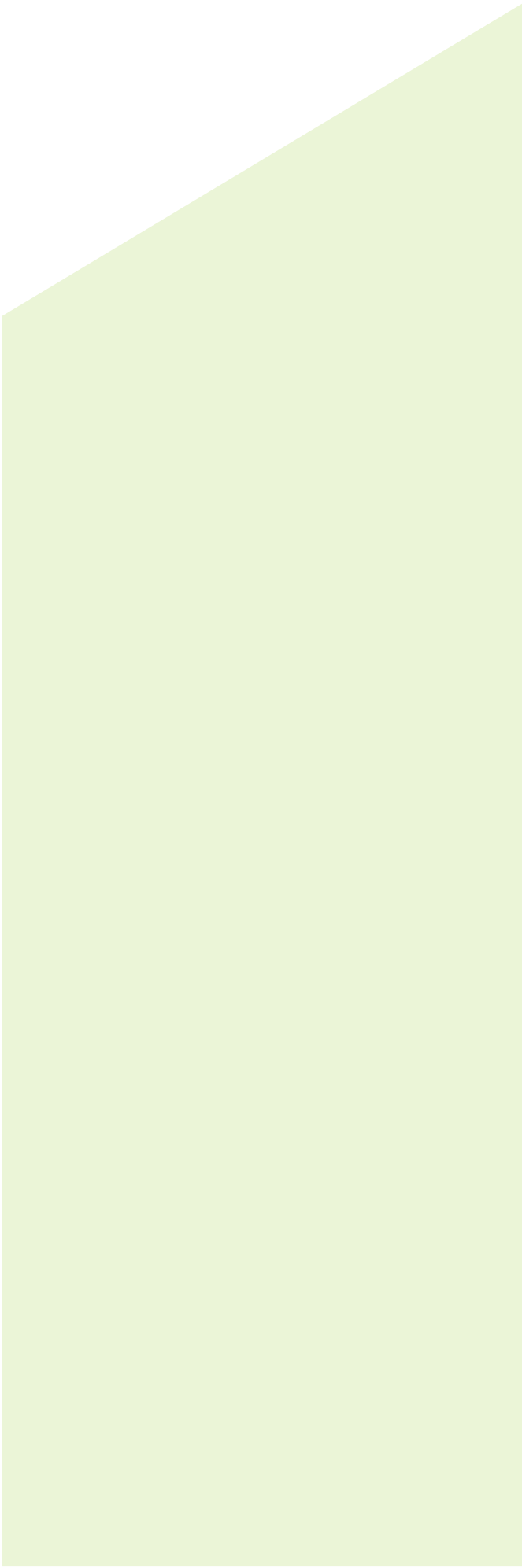
MATERIAL TESTING EXPERIENCE

- **Concrete** Chemical analysis, cement content, mix design, Air content, Bleeding (permeability), Compressive strength of cylinders, Carbonation, Petrography analysis, pH, Pull off, Initial surface absorption, Slump, Temperature.
- **Cement Chemical** analysis, Compressive and Flexural strength, Fineness, Heat of hydration, Auto clave expansion, Normal consistency, Setting time, Density, Pozzolanicity.
- **Aggregate (coarse, medium, crushed, natural sand)** Chemical analysis, Moisture content, Water absorption (SSD), Sieve analysis, Potential alkali and silica reactivity, Acid soluble material, Carbonate content (calcium and magnesium carbonate), Bicarbonate content, Material Finer, Organic impurities, Soundness, Specific gravity.
- **Soil** Chemical analysis, Organic matter (by chemical method and loss on ignition), TDS, pH, Conductivity, Particle size, Density, Sand equivalent, PI, MDD, CBR.
- **Hot mix Asphalt:** Asphalt mix design for base, intermediate and wearing course, Distillation of emulsion and cut back, Flash and Fire point, Viscosity, softening point, thin film Oven, Storage stability, Settlement, Particle charge, Density, Solubility in Trichloroethylene, Effect of boiling water, Water content of emulsion and cut back, Ash content, Penetration, Ductility.
- **Paint** Color meter, hiding power, wash ability, Density, Flash point, drying time, Abrasion resistance, Viscosity, Pencil hardness, Salt spray tester, Carbonate content, Spreading rate, Alkaline resistance, Ash content, Bend test, Binder content, Coarse particle and foreign matters, Conductivity, Cross cut test, Dilution stability, Gazing test, Gloss, Nonvolatile content, pH, Pigment content, Resistance to kerosene, Volatile organic content.

- **Water** Chemical analysis, pH, Carbonate, Bicarbonate, Total Hardness, Total dissolved solid, Total suspended solid, Bacteriology.
- **Ceramic Tiles** Classification of ceramic tiles, characteristics, marking, impact resistance resistance to deep abrasion for unglazed and surface abrasion for glazed, linear thermal expansion, color difference and Chemical resistant.
- **Thermoplastic** Binder content, Calcium carbonate, Chemical resistance, drying time, Floating, Flow ability, Glass bead content, Softening point, Specific gravity.
- **Admixture** pH, Specific gravity, Solid content, Chloride content, Sulfate content.
- **Gypsum** Chemical analysis, Setting time, Normal consistency, Compressive strength.
- **Cement bounded material** PI, gradation and mix design, Chemical analysis, Compressive strength, Setting time and Consistency as blended cement.

ASTM CERTIFICATIONS

- **ASTM D75/D75M-14** Standard Practice for Sampling Aggregates
- **ASTM D482-13** Standard Test Method for Ash from Petroleum Products
- **ASTM C138/C138M-14** Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
- **ASTM C172/C172M-14** Standard Practice for Sampling Freshly Mixed Concrete
- **ASTM C173/C173-14** Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
- **ASTM C231/C231M-14** Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
- **ASTM C1064/C1064M-12** Standard Test Method for Temperature of Freshly Mixed Hydraulic Cement Concrete
- **ASTM D698-12e2** Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft³ (600kN-m/m³))
- **ASTM D1557-12e1** Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (2,700 kNm/ m³)
- **ASTM C127-12** Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
- **ASTM D2216-10** Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
- **ASTM D95-13e1** Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation
- **ASTM D93-15a** Standard Test Methods for Flash Point by Pinsky- Martens Closed Cup Tester

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- **ASTM D445-15a** Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)
 - **ASTM C117-13** Standard Test Method for Materials finer than 75- μm (No. 200) Sieve in Mineral Aggregates by Washing
 - **ASTM C566-13** Standard Test Method for Total Evaporable Moisture Content of Aggregate by Drying
 - **ASTM D92-12b** Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
 - **ASTM C40/C40M-11** Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
 - **ASTM D422-63(2007) e2** Standard Test Method for Particle-Size Analysis of Soils
 - **ASTM D4318-10e1** Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
 - **ASTM C702/C702M-11** Standard Practice for Reducing Samples of Aggregate to Testing Size
 - **ASTM C128-12** Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
 - **ASTM C136-06** Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
 - **ASTM C143/C143M-12** Standard Test Method for Slump of Hydraulic Cement Concrete