

WALID MAHMOUD

Executive Quality Director | Construction & MEP

📍 Riyadh, Saudi Arabia | 📞 +966 56 545 2854 | ✉️ walid.mahmoud.h@outlook.com

PROFESSIONAL SUMMARY

- Executive Quality & Operations Leader with 20+ years of experience delivering major construction and infrastructure programs across Saudi Arabia, Egypt and GCC (Saudi Aramco, Red Sea Global, EMAAR, SBG, Hassan Allam).
- Managing QA/QC and Operations teams across multiple mega projects with full responsibility for resource planning, budgeting and performance evaluation.
- Allocating manpower strategically across projects based on priorities and workload optimization to maximize efficiency and delivery performance.
- Leading recruitment, interviews and competency assessment for QA/QC engineers and inspectors to build and sustain high-performing technical teams.
- Developing and enforcing QA procedures, PQP, ITPs and standardized documentation frameworks, creating all company templates and process workflows within an integrated QMS to drive consistency and continuous improvement across all departments.
- Ensuring full readiness for internal and external audits and leading ISO 9001 and ISO 14001 certification renewal with zero non-conformities.
- Driving handover excellence through testing & commissioning leadership and TOC management, coordinating effectively with clients, consultants and key stakeholders to achieve seamless project close-out.

PROFESSIONAL EXPERIENCE

2022 – Current

Executive Quality Manager - HOD

KORTECH

Riyadh, Saudi Arabia

- Lead the Quality Department for major construction and MEP projects, aligning quality strategy with organizational objectives and client requirements.
- Develop, implement and maintain the Quality Management System (QMS) in line with ISO 9001 and project specifications.
- Oversee cross-functional QA/QC teams across multiple sites to ensure compliance with drawings, standards, specifications and contractual obligations.
- Plan and conduct internal audits, supplier audits and site inspections, leading follow-up on NCRs, corrective and preventive actions.
- Manage resource allocation and manpower distribution based on workload analysis and project priorities to maintain efficiency and performance.
- Analyze quality data and KPIs to identify risks, trends and improvement opportunities, reporting regularly to top management.
- Coordinate with clients, consultants and project managers to resolve quality issues, support decision-making and ensure smooth handover and TOC delivery.

2019 – 2022

Quality Assurance & Control Manager

MAS Contracting
Al Wajh, Saudi Arabia

- Directed the overall QA/QC function for major construction and MEP programs, including the Triple Bay Hotel Medical Wellness Palace development under Red Sea Global.
- Established project-specific PQP, ITPs and quality control procedures to ensure compliance with client and consultant requirements.
- Implemented QMS-driven controls improving reporting accuracy, documentation traceability and process standardization across project teams.
- Monitored subcontractor and supplier performance through structured audits, evaluation scoring and capability assessments.
- Ensured successful testing, commissioning and handover activities through close coordination with consultants and project management.
- Supported operations and client-facing leadership in resolving technical and quality issues, reducing delays and preventing rework.

2019 – 2023

QA/QC Manager

KORTECH – Hassan Allam
Cairo / New Alamein, Egypt

- Managed QA/QC activities for large-scale building and infrastructure projects, including hospitality and mixed-use developments within the New Alamein region.
- Reviewed and approved method statements, PQPs, ITPs, material submittals and shop drawings to ensure compliance with standards and project specifications.

- Supervised site inspections, material testing and closing of punch lists and NCRs prior to handover requirements.
- Controlled documentation and ensured accurate and timely submission of quality records, test reports, as-built revisions and final handover packages.
- Coordinated with consultants and client representatives on all quality-related matters and ensured successful project close-out.
- Provided training and coaching for site engineers and supervisors to improve quality awareness, system compliance and inspection performance.

2015 – 2019

QA/QC MEP Manager

JV ARAMCO / AZMEEL

Eastern Province, Saudi Arabia

- Led QA/QC MEP activities for major residential and infrastructure developments under Saudi Aramco standards and specifications.
- Managed inspections, testing and commissioning of MEP systems, ensuring full compliance with project requirements and technical specifications.
- Coordinated with Aramco representatives, consultants and project management to resolve technical queries, quality issues and site constraints.
- Performed root cause analysis and corrective/preventive actions (CAPA) to reduce NCR occurrences and avoid repeat issues.
- Reviewed and approved method statements, ITPs and shop drawings for HVAC, plumbing, fire protection, electrical systems and ICT systems

2014 – 2015

Revit MEP Team Leader

DORSCH Gruppe International
Cairo, Egypt

- Led a team of Revit MEP technicians to produce coordinated mechanical, electrical and plumbing models and construction drawings for international projects.
- Collaborated with architectural and structural disciplines to resolve coordination and design clashes, improving constructability and reducing redesign effort.
- Developed and maintained Revit MEP standards, templates and modeling workflows to enhance project efficiency and consistency.
- Generated detailed MEP schedules, quantities, reports and technical documentation supporting project planning and execution.
- Provided mentorship and technical guidance to junior team members to improve modeling capability and accuracy.

2005 – 2014

QA/QC Team Leader

Saudi Binladin Group (SBG)
Jeddah & Mecca, Saudi Arabia

- Implemented quality procedures, inspection and testing plans, documentation systems and site control measures in alignment with project requirements.
- Supported commissioning and handover activities for high-complexity infrastructure and high-rise building environments under strict logistical and safety constraints.
- Prepared quality records, technical reports and close-out documentation supporting project delivery milestones.

MAJOR PROJECTS PORTFOLIO - Mega Projects

- 2023 ● **MEDICAL WELLNESS PALACE – AMAALA PROJECT – FCCSA**
Al Wajh, Saudi Arabia
- 2020 ● **The Address Hotel – EMAAR**
New Alamein, Egypt
- 2018 ● **Saudi Aramco Residential Communities - AJYAL City**
Eastern Province, Saudi Arabia
- 2013 ● **Amsterdam Schiphol International Airport**
Amsterdam, Netherlands
- 2010 ● **King Abdulaziz Endowment & Clock Tower – SBG**
Mecca, Saudi Arabia
- 2008 ● **Islamabad International Airport (IATA: ISB)- VIP Passengers Hall**
Islamabad, Pakistan

➤ OTHER KEY PROJECTS

Saudi Arabia

- Red Sea Global HQ – KAFD Tadawul Tower
- Red Sea Marina Life Hotel
- King Abdullah University for Science & Technology (KAUST)
- King Abdulaziz International Airport (Hajj Terminal)

Egypt

- Arab Academy for Science & Technology Campus
- Al Alamein Presidential Palace
- Mohamed Bin Zayed Palace

Achievements & Skills

Milestones

- Delivered full TOC handover for a mega project with zero NCRs.
- Achieved 100% audit compliance for 5 consecutive years (internal & external) with zero findings.
- Boosted QA/QC efficiency and site productivity by 35% through restructuring inspection workflows and QMS-driven process controls.
- Reduced NCR occurrence and corrective cycle time by 40% using enhanced RCA, risk mitigation & documentation traceability.
- Improved subcontractor & supplier performance by 28% YoY through structured evaluation models and targeted quality programs.

Strengths

- Quality Management Systems (QMS), QA/QC Leadership, ISO 9001 & ISO 14001 implementation.
- Internal and External Audits, compliance assurance and corporate audit governance
- Root Cause Analysis, NCR Reduction and CAPA Strategies, Risk Assessment
- KPIs and Dashboard Analytics, Productivity Optimization & Performance Improvement
- Project Operations and Cross-Functional Team Leadership, Client and Consultant Engagement
- Training, Competency Development & Continuous Improvement Culture
- Testing and Commissioning (MEP Systems), Handover & TOC Delivery Excellence
- Subcontractor and Supplier Performance Management, Evaluation Models and KPIs

General Information

EDUCATION

- Bachelor of Engineering – Information Systems
Cairo University, Egypt | 2005

CERTIFICATIONS

- QMS Lead Auditor ISO 9001 - 2024
- TQM (Total Quality Management) - 2023

PERSONAL DETAILS

- Nationality: Egyptian
- Marital Status: Married
- Location: Riyadh, Saudi Arabia
- IQAMA Status: Transferable Iqama
- Date of Birth: 31 July 1980

LANGUAGES

- Arabic — Native
- English — Professional working proficiency