

# MARWAN QASEM

CONSTRUCTION MANAGER | 14 Years Experience | ISO 45001 | ISO 14001 | ISO 9001

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## PROFESSIONAL SUMMARY

Results-driven Civil Engineer with 14+ years' expertise managing large-scale infrastructure projects for NEOM, MASCO, and Riyadh Municipality. Proven leader in roads, wet/dry utilities, and smart infrastructure, ensuring compliance with NEOM's net-zero/sustainability goals. Currently supervises Package 3 Roads & Utilities at NEOM, overseeing excavation, HSE protocols, and milestone delivery. Skilled in Primavera scheduling, AutoCAD Civil 3D, BIM (Revit/Robot), and cost control. Certified ISO Lead Auditor (9001/14001/45001) with a strong QC background in asphalt plants and municipal road maintenance. Holds a BSc in Civil Engineering (Sanaa University) and a Diploma in Business Administration. Recognized as "Best Engineer in Site 2020" (Bechtel). Fluent in Arabic/English. Key projects: NEOM Trojena, THE LINE, Gulf of Aqaba, Makkah-Gassim Expressway.

## AREAS OF EXPERTISE

- Construction Management
- Budget Management
- Roads & Utilities Infrastructure (Wet/Dry)
- Excavation & Earthworks Supervision
- Health, Safety & Environmental (HSE) Compliance
- NEOM Standards & Protocols
- Project Scheduling & Budget Management (Primavera)
- Quality Control & Assurance (QC/QA)
- Asphalt Production & Testing (HMA/Batch Plants)
- Smart Infrastructure Integration (Sensors/Automation)
- Design Software: AutoCAD, Civil 3D, BIM (Revit/Robot)
- Structural Analysis Tools: ETABS, SAFE, SAB, STAAD Pro
- Geotechnical Investigations & Risk Assessment
- Regulatory Compliance & Permitting
- ISO Management Systems (9001, 14001, 45001 Lead Auditor)
- Supplier Evaluation & Audits
- Fiber Optic Infrastructure Projects
- Project Closeout & Handover
- Team Coordination & Interface Management

## PROFESSIONAL EXPERIENCE

### AL JABER ENGINEERING W.L.L

**Position Held:** Construction Manager | Site Management Team

**Duration:** August 2023 – Present

**Project:** NEOM TROJENA- Package 3 Roads and Utilities: Explore and Wet & Dry Utilities

#### Job Responsibilities:

- Supervise day-to-day excavation and construction activities for roads and wet/dry utilities, ensuring compliance with NEOM standards and safety protocols.
- Oversee all site operations, including coordination of manpower, machinery, and materials to ensure smooth workflow.
- Conduct and participate in regular interface meetings with consultants, NEOM supervision teams, and subcontractors to resolve technical and coordination issues.
- Monitor construction progress and schedule, address delays proactively, and ensure timely completion of milestones.
- Enforce strict health, safety, and environmental (HSE) compliance in line with NEOM's sustainability and net-zero goals.
- Ensure quality control through inspections, testing, approvals, and resolution of nonconformities in coordination with teams.
- Support the integration of smart infrastructure systems (e.g., sensors, automation) in utility and road designs.
- Prepare and submit regular progress reports, manage RFIs, track variations, and support project closeout and handover.

## **MASCO GROUP**

**Project:** NEOM GULF OF AQABA, WO 26

**Position Held:** Construction Manager | Site Management Team

**Duration:** June 2022 to July 2023

### ***Job Responsibilities:***

- Monitor on-site construction activities to ensure compliance with design specifications, safety standards, and regulatory requirements.
- Develop strong relationships with clients to understand their needs and ensure their satisfaction with the project.
- Monitor project expenditures and implement cost-saving measures where possible.
- Implement and enforce health and safety protocols on construction sites to ensure a safe working environment.
- Develop and manage project schedules, budgets, and resources to optimize efficiency and effectiveness.
- Utilize software such as AutoCAD, Civil 3D, and other engineering tools to create accurate and efficient designs.

**Project:** NEOM GULF OF AQABA, SPINE 10.1, WO-09

**Position Held:** Construction Manager | Site Management Team

**Duration:** April 2021 to May 2022

### ***Job Responsibilities:***

- Conduct site surveys and geotechnical investigations to assess soil conditions, groundwater levels, and other factors impacting excavation.
- Perform risk assessments to identify potential hazards related to the excavation process, including soil instability, water ingress, and existing underground utilities.
- Obtain necessary permits and approval from relevant authorities before commencing excavation work.
- Prepare and submit detailed reports and documentation as required by regulatory agencies.
- Implement and enforce health and safety protocols on the excavation site to ensure a safe working environment.

**Project:** NEOM, The LINE PROJECT, WO-28

**Position Held:** Quality Engineer | Construction Team

**Duration:** Jan, 2020 to April 2021

### ***Job Responsibilities:***

- Conduct inspections and tests on products, materials, and processes to verify adherence to quality standards and specifications.
  - Develop and implement testing protocols, including sampling plans, test methods, and acceptance criteria.
  - Analyze test data and inspection results to identify non-conformances and areas for improvement.
  - Evaluate and select suppliers based on their ability to meet quality standards.
  - Conduct supplier audits and assessments to ensure compliance with quality requirements.
  - Develop and maintain strong relationships with suppliers to drive continuous improvement in quality performance.
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## **QEMAT ALRWASI**

**Position Held:** Quality Manager | Asphalt Batch Plant - Riyadh

**Duration:** February 2018 to December 2019

### ***Job Responsibilities:***

- Control plan. Perform Quality Control Testing of Hot Mix Asphalt (HMA) and associated materials as assigned.
  - Comply with all safety policies, procedures and established safe practices, design plans, materials used, and work completed.
  - Prepare comprehensive reports for the Riyadh Municipality, documenting project progress, quality assurance measures, and any issues encountered.
  - Ensure all documentation is organized and accessible for future reference and audits.
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## **AL FALAH CO**

**Position Held:** Project Engineer | Construction Team

**Duration:** June 2016 to February 2017

