

# Sameh Mohammed Rageb Hassan

Senior Project Manager | Civil Infrastructure Expert |

Water & Utilities Specialist

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Riyadh, Saudi Arabia

## SUMMARY

Experienced and performance-focused senior civil engineer and project manager with more than 18 years of proven success in leading and delivering complex infrastructure projects across Saudi Arabia and Egypt. Skilled in managing all phases of project life cycles including planning, design, execution, and delivery of large-scale utilities and infrastructure works such as water supply networks, sewerage systems, stormwater drainage, irrigation networks, road construction, land grading, and site development.

Known for driving operational efficiency, leading cross-functional teams, ensuring technical compliance, managing budgets, and maintaining excellent client relationships. Passionate about delivering high-quality outcomes and achieving targets while maintaining safety and quality standards. Seeking to contribute leadership, technical knowledge, and strategic vision to a forward-thinking organization.

## EDUCATION

### Bachelor of Science in Civil Engineering

Assiut University – Egypt

Graduation year: 2006

- Graduation project: Sewerage and water engineering – Grade: Excellent
- Final grade: Good (71.2%)

## EXPERIENCE

August 2008 – Present

### Senior Project Manager

#### Arabian Rock Co. for Contracting – Riyadh, Saudi Arabia

**Project:** Water network extension – Al Zulfi and Thadiq (Phase II)

**Client:** National Water Company | **Period:** Feb 2025 – Present

**Description:** Execution of 110 km of water networks with ductile iron and HDPE pipes

**Responsibilities:**

- Supervising trenching, pipe installation, testing, and commissioning
- Managing schedules, inspections, and site teams

**Project:** Land grading and site development – Dammam (Khdamat Zone)

**Client:** National Housing Company | **Period:** Feb 2025 – Present

**Description:** Executing site grading for future infrastructure development in the service zone.

**Responsibilities:**

- Managing heavy equipment and leveling activities
- Coordinating with NHC for progress validation

**Project:** Implementation of sewage networks and pumping stations – Hotat Sudair & Rawdat Sudair

**Client:** National Water Company | **Period:** 2020 – 2024

**Description:** Construction of 60 km of sewage networks including 650+ manholes and a complete sewage pumping station.

**Responsibilities:**

Managing excavation, pipe laying (vitrified clay & GRP), manhole installation, and pumping station works Ensuring compliance with client specifications and safety standards

Coordinating with NWC engineers and handling progress reports

**Project:** Infrastructure (roads and storm) – Sakaka, Alquaria Alolya, and Nayiriyah

**Client:** National Housing Company | **Period:** 2018 – 2020

**Description:** Basic infrastructure development for residential areas in 3 cities.

**Responsibilities:**

Leading site execution of road and stormwater systems

Ensuring compliance with NHC standards and technical specs

**Project:** Infrastructure works (roads, water, sewer) – Aziziya, Riyadh

**Client:** National Water Company | **Period:** 2017 – 2018

**Description:** 10 km sewer + 15 km water network with full house connections.

**Responsibilities:**

Handling manhole and house connection works Managing progress tracking and reporting

**Project:** Water networks – Qudisia, Riyadh

**Client:** National Water Company | Period: 2016 – 2017

**Description:** Installation of 28 km DI water pipelines and house connections.

**Responsibilities:**

Leading field teams and quality inspections

Coordinating with authorities for approvals and handover

**Project:** Full infrastructure works in Thadiq (roads, water, sewerage, stormwater, irrigation)

**Client:** Ministry of Housing | Period: 2014 – 2016

**Description:** Execution of over 60 km of integrated utility networks with various pipe types and diameters.

**Responsibilities:**

Supervising network installations, house connections, and valve chambers Preparing shop drawings and material submittals

Managing site teams and coordinating inspection requests

**Project:** Full infrastructure works in Al-Zamil Industrial City

**Client:** Saudi Industrial Property Authority | Period: 2013 – 2014

**Description:** Construction of water, sewer, storm, and irrigation networks (over 70 km total)

**Responsibilities:**

Supervising GRP, DI, and UPVC pipeline works

Managing multiple utility systems simultaneously Ensuring testing, flushing, and commissioning

**Project:** Water network works – Alyasmen district, Riyadh

**Client:** National Water Company | Period: 2012 – 2013

**Description:** Installation of 30 km water pipelines with full infrastructure support.

**Responsibilities:**

Coordinating with consultants, reviewing IFC drawings Managing procurement and site logistics

**Project:** Water network works – Tyba (Aziziya district, Riyadh)

**Client:** National Water Company

**Period:** 2012 – 2013

**Description:** Installation of 30 km ductile iron water pipeline with valves and chambers. Responsibilities:

Leading trenching, pipe laying, backfilling, and testing activities

Ensuring material approvals and safety compliance

**Project:** Sewerage and water network works – Al Kharj City

**Client:** Ministry of Water & Electricity | Period: 2008 – 2012

**Description:** Installation of 40 km sewer network and 80 km water network including 1000+ house connections.

**Responsibilities:**

Overseeing DI, UPVC, and PDPF pipe installations

Managing subcontractors and daily site operations Preparing quantity take-offs and interim payments

May 2007 – July 2008 **Site Engineer – Road Infrastructure**

**General Nile Company for Construction & Paving – Qena, Egypt**

**Projects:**

- Sohag–Qena Desert Road (70 km)
- Nag Hammady–Qena Desert Road (50 km)
- Urban roadworks and bridges in Nag Hammady and Doshna

**Responsibilities:**

- Supervising road formation, compaction, asphalt layers
- Coordinating survey, testing, and equipment management

August 2006 – April 2007 **Site Engineer – Sewerage and Groundwater Projects**

**Mohamed Ali Rabi Contracting – Qena, Egypt**

**Project:** Sewerage and groundwater networks – Nag Hammady

**Client:** Local Municipality

**Description:** Construction of 33 km sewer and 30 km groundwater lowering networks

**Responsibilities:**

- Managing trenching, UPVC and vitrified clay pipe works
- Handling site inspections and team coordination

## ACHIEVEMENTS

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- Successfully delivered over 350 km of integrated infrastructure networks, including water, sewerage, stormwater, and road systems across more than 10 cities in Saudi Arabia
- Led the on-time and within-budget completion of high-profile projects under the National Water Company (NWC), Ministry of Housing, and National Housing Company (NHC)
- Achieved 95%+ compliance score in safety and quality audits across multiple projects under strict governmental regulations
- Reduced project delays by implementing advanced planning techniques and proactive risk mitigation strategies, resulting in 10–15% faster execution in multiple contracts
- Streamlined procurement and site logistics workflows, cutting material delivery lead time by 20%, and improving work continuity
- Played a key role in value engineering reviews, contributing to the reduction of unnecessary costs without compromising quality
- Managed multi-location infrastructure programs in Sakaka, Dammam, Al Zulfi, Thadiq, Al Kharj, Aziziya, and more, ensuring uniform quality and stakeholder satisfaction
- Designed and supervised land grading and stormwater drainage systems for large-scale service zones, including Dammam's "Khdamat" zone under NHC supervision
- Spearheaded training and mentoring initiatives for junior engineers and foremen, increasing site productivity and reducing execution errors
- Represented the company in technical and progress meetings with consultants and government officials, strengthening client trust and long-term collaboration

## CERTIFICATIONS AND TRAINING

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- PMP® preparation course – PMP® certificate
- AutoCAD certified (2024)
- Microsoft Office certified (2024)
- Summer training: Arab Contractors (Baraka Village) & Egyptalum Company



## TECHNICAL AND PROJECT MANAGEMENT SKILLS

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- AutoCAD 2017 (advanced use for utility layouts and infrastructure)
- Microsoft Office 2024 (Word, Excel, PowerPoint, Outlook)
- Basic knowledge of MS Project / Primavera P6
- Proficient in digital communication and documentation platforms

## SOFTWARE AND TOOLS

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- Managing end-to-end infrastructure projects (design, execution, handover)
- Supervising water, wastewater, stormwater, and irrigation networks
- Leading roadworks and land grading operations
- Preparing and reviewing shop drawings, BOQs, IFCs, as-builts
- Scheduling and tracking project progress (Primavera/MS Project knowledge)
- Conducting risk analysis, value engineering, and resource planning
- Managing material submittals, procurement schedules, and subcontractors
- Applying QA/QC procedures, safety plans, and technical standards

## LEADERSHIP AND MANAGERIAL COMPETENCIES

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- Leading diverse teams of engineers, technicians, and labor crews
- Delegating tasks, monitoring performance, and achieving milestones
- Mentoring junior engineers and building capacity
- Coordinating with consultants, clients, and government authorities
- Preparing executive summaries, technical reports, and documentation
- Solving construction challenges with effective decision-making

## PERSONAL AND INTERPERSONAL STRENGTHS

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- Highly organized with strong attention to detail
- Excellent communication and negotiation skills
- Confident under pressure and deadline-driven
- Ethical, professional, and committed to continuous improvement
- Team-oriented, dependable, and adaptable

## LANGUAGES

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- Arabic – Native
- English – Good

## PERSONAL INFORMATION

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- Phone (EGY): +20 1067693266
- Nationality: Egyptian
- Date of birth: 21 September 1983
- Marital status: Married (3 children)