

# OMER ALAMIN ALKHAIR AHMED

## Civil Engineer

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### Profile

Senior Civil Engineer with 8+ years of comprehensive experience managing full-cycle construction and infrastructure projects from planning through execution and handover. Proven ability to lead multidisciplinary teams, control budgets and schedules, and ensure delivery aligned with quality, safety, and contractual requirements.

Strong expertise in project coordination, contractor management, risk mitigation, and decision-making under complex site conditions. Skilled in aligning technical execution with project objectives, optimizing workflows, and maintaining effective communication with clients, consultants, and stakeholders.

A project-driven leader with strategic thinking, operational discipline, and a consistent record of delivering projects efficiently while maintaining high performance standards.

### Professional Experience

#### Project Engineer (Civil), Energy platforms company

01/2026 – Present  
Sakaka, Saudi Arabia

- Leading on-site execution of sewer pipeline works for NWC in Sakaka
- Managing and supervising survey, site supervision, and construction teams
- Coordinating excavation, trench shoring, pipe installation, backfilling, and road reinstatement works
- Reviewing and controlling setting-out, levels, alignment, and survey data to ensure compliance with approved drawings
- Coordinating with NWC representatives and consultants for inspections, approvals, and site coordination
- Monitoring project progress, manpower, equipment, and productivity
- Ensuring full compliance with NWC specifications, quality standards, and HSE requirements
- Handling site technical issues including utility conflicts and execution constraints
- Preparing daily and weekly progress reports and supporting planning and quantity tracking

#### Civil Site Engineer, Energy platforms company

05/2025 – 12/2025  
Jeddah, Saudi Arabia

- Worked as part of the EPF construction team on the Design & Build Sewage Pump Station at Jeddah Airport.
- Supervised steel reinforcement, shuttering, and concrete works for foundations, tie beams, columns, walls, and slabs.
- Coordinated daily with subcontractors and ensured proper manpower and material availability.
- Ensured full compliance with engineering drawings, project specifications, QA/QC procedures, safety protocols, and Saudi Codes.
- Resolved site challenges and improved workflow efficiency.
- Optimized steel cutting to minimize waste and enhance resource utilization.
- Reviewed method statements and supported technical clarifications.
- Assisted in progress monitoring through structured reporting and accurate quantity tracking.
- Contributed to delivering the project on schedule while maintaining high-quality standards.

#### Civil Engineer, Petroneeds Services International

08/2021 – 03/2025  
Sudan

- Reviewed civil and structural designs for oil & gas and power-related EPC projects, ensuring alignment with, ACI, and ASTM standards.
- Prepared Scope of Work (SOW) documents, method statements, and technical specifications for major civil packages.

- Led site supervision and coordination of civil activities including foundations, cable trenches, fencing, drainage systems, and steel structures.
- Managed construction schedules and cost tracking using Primavera P6 and MS Project, achieving on-time project completion.
- Reviewed and approved submittals, shop drawings, and as-built documentation.
- Coordinated between civil, electrical, and mechanical teams during design review and execution phases.
- Oversaw QA/QC and HSE compliance, ensuring full adherence to project and client requirements.

**Project Engineer, OTASHO Engineering**

05/2020 – 07/2023  
Khartoum, Sudan

- Supervised civil and structural works, including reinforced concrete, finishing, and foundation systems.
- Led daily coordination between site teams and consultants to ensure execution in compliance with design and safety standards.
- Conducted progress reporting, quality inspections, and site documentation.
- Contributed to design review sessions and proposed technical adjustments for constructability and cost optimization.

**Junior Civil Engineer, Petroneeds Services International**

04/2019 – 04/2020  
Sudan

- Assisted in execution and supervision of field surface facilities (FSF) and road construction works.
- Monitored civil activities for electrical distribution systems and infrastructure installations.
- Prepared daily site reports, tracked progress, and ensured safe work practices across all civil operations.

**Education**

**B.Sc. in Civil Engineering, Construction Division,  
Sudan University of Science and Technology**

2013 – 2018  
Khartoum, Sudan

**Certificates & Courses**

**IOSH Managing Safely**  
Cert No. 810968

**PMP Preparation course**  
PM TRICKS (Online)

**Saudi Council of Engineers (SCE)**  
Registered Civil Engineer  
Membership ID: 1150355 | Valid  
Until: 06/2026

**Publications**

**Study on The Effect of Using Meta-Kaolin on The Compressive Strength Properties of Concrete, International research journal of modernization in engineering technology and science (IRJMETS)**

15/10/2022

DOI: <https://www.doi.org/10.56726/IRJMETS3066>

**The effect of Adding Sesame Stalks Fiber to The Concrete Mixture, International research journal of modernization in engineering technology and science (IRJMETS)**

03/03/2021

[https://www.irjmets.com/uploadedfiles/paper/volume3/issue\\_3\\_march\\_2021/7102/1628083304.pdf](https://www.irjmets.com/uploadedfiles/paper/volume3/issue_3_march_2021/7102/1628083304.pdf)

## **Core Competencies**

- Design Review & Specifications Compliance
- Transmission Line & Substation Civil Works
- Quality Assurance / Quality Control (QA/QC)
- Civil & Structural Design (AutoCAD, Revit)
- Health, Safety & Environment (HSE) Management
- Scope of Work & Technical Specification Writing
- Construction Management & Supervision
- Project Planning & Scheduling (Primavera P6, MS Project)
- Contractor & Subcontractor Coordination
- Cost Control & Quantity Estimation

## **Languages**

**Arabic** – Native/Bilingual

**English** – Proficient

## **Projects**

### **MOGA FPF Light Crude System De-Bottlenecking Project (Subsystem 1: Civil & Structural) – Petro-Energy E&P**

Reviewed and closed all civil/structural punch list items ensuring full mechanical completion.

Executed corrective works as per Petro-Energy and specifications (ACI, ASTM).

Coordinated between QA/QC, construction, and commissioning teams to fast-track completion.

### **11kV Overhead Transmission Line Project (MOGA 17–MOGA 7 N01) – Petro-Energy E&P**

Supervised full civil scope of the 1.1km OHTL project including excavation, reinforcement, and concrete works.

Ensured compliance with transmission line foundation and civil standards.

### **33kV Overhead Transmission Line (Gammar-01) – Sharif Petroleum Operating Company**

Managed all civil activities including pad & chimney-type foundations, ROW clearance, and tower base preparation.

Delivered civil works on schedule with zero rework, ensuring seamless tower erection and energization.

### **Security Guard Room & Steel Watchtower (CP 16-1) – PETCO**

Led civil and structural works including reinforced concrete, steel erection, and finishing.

Delivered on schedule with full QA/QC and HSE compliance.

### **Design and built sewage pump station at airport Jeddah City, KSA, Distribution chamber and pump station main shaft phase 2**

11/2025 – Present

A design-and-build sewage pump station located inside Jeddah Airport, consisting of deep excavation, reinforced concrete wet wells, valve chambers, and pump foundations. The project includes waterproofing works, mechanical pump installations, connection to the airport's main sewage network, and full testing and commissioning to ensure reliable wastewater flow.