

Hammad Ahmad

Site Engineer | Red Sea Approved | Civil & Structural Works & Finishing Project



Iqama: Transferable
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Professional Summary:

Experienced **Civil Engineer** with **6+ years** in construction, **quality control**, and **project management**. Red Sea-approved & PEC-registered, I specialize in structural works, site inspections, and compliance with international standards. Skilled in **AutoCAD, estimation, and problem solving**, I ensure high-quality project execution. Passionate about delivering durable and sustainable solutions, I am always eager to take on new challenges and drive engineering excellence.

Work Experience:

Project: Sport and Entertainment District, Red Sea Global – Saudi Arabia

Position : Site Engineer
Client : Red Sea Global
Contractor : China Harbor Engineering Arabian Construction Co.
Duration : May 2025 – Present



Duties and Responsibilities:

- Supervised construction of high-level swimming pools as per approved drawings and project specifications under the Sports & Entertainment District – Red Sea Project.
- Interpreted and implemented detailed AutoCAD drawings for grey structure works, including excavation, formwork, steel fixing, and concrete placement.
- Ensured all construction activities complied with design standards, safety protocols, and QA/QC procedures.
- Coordinated daily with QA/QC teams for inspection requests, concrete approvals, and steel reinforcement verification.
- Actively engaged with client representatives and consultants for technical approvals, site inspections, and progress verification.
- Oversaw the execution of canopy installation using boom truck and steel structure, ensuring safety and precision during lifting and erection.
- Prepared site progress reports, material request sheets (MRS), and coordinated with procurement and planning departments.
- Conducted quality control checks to ensure work met engineering and safety standards, and handled NCRs and corrective actions efficiently.
- Maintained daily liaison with site foremen and subcontractors to ensure work progress was aligned with schedule and resources.
- Ensured construction work was completed on time, within budget, and in accordance with project timelines and milestones.

Project: Timber Canopies and Overhangs Works (C29) - Shura Island – Hotel East (HE4) – Saudi Arabia

Position : Site Engineer
Client : Red Sea Global
Contractor : IHCC
Duration : November 2024 – February 2025



Duties and Responsibilities:

- Supervised the rectification of structural steel errors, ensuring previously installed steel was corrected to meet design specifications.
- Ensured accurate installation of steel structures for timber canopies in the resort project, maintaining precision in dimensions and alignment.
- Verified and maintained beam and column alignments, ensuring structural stability and compliance with engineering standards.
- Inspected bolt connections, ensuring proper installation, tightening, and durability for long-term structural integrity.
- Coordinated with site teams to prepare the steel framework for seamless timber canopy installation, ensuring no delays in workflow.
- Monitored construction progress, resolving technical issues proactively to prevent work stoppages and delays.
- Conducted daily site inspections, ensuring all tasks were executed per approved drawings and project timelines.
- Reported daily progress to Project Managers (PM) and Construction Managers (CM), providing updates on installation, rectifications, and completed tasks.
- Maintained strict quality control to ensure that the project was delivered on time, meeting all safety and engineering standards.
- Worked closely with contractors and consultants, ensuring smooth execution of steel structure and canopy installation without compromising quality.

Project: MASAR Package-B Zone 3 Building Plots 3SS-01 & 3SS-14 – Saudi Arabia

Position : Site Engineer
Client : Umm Al Qura Development and Construction Company
PMC : KEO International Consultant
Consultant : DAR International for Engineering Consultancy
Contractor : Saudi Arabian Baytur Construction Co.
Duration : July 2024 – September 2024



Duties and Responsibilities:

- Supervised foundation to 5th-floor construction, ensuring adherence to engineering standards and project specifications.
- Managed QA/QC documentation, including inspection reports, material approvals, and method statements.
- Conducted quality control inspections on reinforcement, concrete pouring, and structural elements.
- Ensured strict compliance with project specifications and international quality standards throughout the construction process.
- Monitored and reviewed material testing for concrete, steel, and other structural components to maintain high-quality construction.

- Coordinated with consultants, contractors, and site engineers to address quality issues and ensure smooth project execution.
- Verified SCI documentation and ensured all records were up-to-date and compliant with regulatory requirements.
- Conducted on-site inspections and audits to identify and rectify any construction defects.
- Ensured strict safety protocols were followed to prevent construction hazards and ensure worker safety.
- Provided technical guidance to site teams regarding quality control measures and corrective actions.

Project: Bakhatwar Ameen International Hospital - Pakistan

Position : Civil Site Engineer
 Client : Bakhatwar Ameen Hospital
 Consultant : Bahria Town Pvt Ltd,
 Contractor : Unique Builders & Co.
 Duration : March 2022 to March 2023



Duties and Responsibilities:

- Supervised and managed multiple construction projects, ensuring smooth execution and timely completion.
- Oversaw the construction of residential houses, ensuring structural integrity and quality.
- Managed the construction of a mosque, overseeing all civil works from foundation to finishing.
- Installed a steel structure canopy for a mosque, ensuring proper design, stability, and durability.
- Supervised hospital finishing works, including marble flooring, gypsum installation, and proper roof treatment for long-term protection.
- Conducted building settlement analysis and implemented corrective measures to minimize cracks and structural movement.
- Led the construction of a residential facility for staff, ensuring compliance with safety and engineering standards.
- Managed material estimation and cost analysis, ensuring project feasibility within budget.
- Performed quality control inspections, verifying construction work met design specifications and industry standards.
- Coordinated with laborers, contractors, and engineers to optimize workflow and resolve on-site issues efficiently.
- Ensured adherence to safety regulations and best practices to maintain a risk-free work environment.

Project: Construction of Cooling Chamber & Grid Station - Pakistan

Position : Site Engineer
 Client : DG Cement Factory
 Consultant : AAA Association
 Contractor : Descon Engineering Limited
 Duration : August 2019 to May 2020



Duties and Responsibilities:

- Supervised the installation of heat-resistant bricks inside the kiln to ensure durability and thermal efficiency.
- Managed the construction of labor accommodation buildings, ensuring compliance with safety and quality standards.

- Oversaw the execution of client-specific structural requirements, such as designing and constructing flat-bottom slabs with beams positioned on the top side to meet project specifications.
- Conducted rectification work in DG Cement Factory's residential society, including repairing and reinforcing damaged structures.
- Supervised the removal and rectification of cracked concrete sections, ensuring structural stability and longevity.

Skills:

- **AutoCAD:** Proficient in 2D and 3D drafting software.
- **Microsoft Office Suite:** Skilled in Excel, Word, and PowerPoint.
- **Aconex:** Skilled in managing project documentation.
- **ETABS:** Experienced in structural analysis and design software.
- **Adobe Photoshop:** Knowledgeable in graphic design and image editing.
- **IT Skills:** Competent in computer operations and software setup.

Certification Courses:

- **Advance Project Management**
University of Engineering and Technology
- **Building Information Modeling (BIM)**
University of Engineering and Technology
- **Land Survey**
University of Lahore
- **Microsoft Office Suite (Excel, Word, PowerPoint)**
ACE Connect Institute

Education:

Bachelor of Civil Engineering (4 Year)

University of Lahore, Pakistan

GPA: 3.18/4.00

Publication:

Impact of Freeze and Thaw Cycle on Flexible Pavement - This study explores how freeze-thaw cycles affect the resilience and durability of flexible pavements. It analyzes the impact of temperature changes and moisture infiltration on material performance, offering insights for improving pavement design and maintenance in cold climates.

Declaration:

I hereby declare that the above furnished details are true to best of my knowledge and request you to kindly consider my application and give me an opportunity to serve in your esteemed organization.

Your faithfully
(Engr. Hammad Ahmad)