

MUTASIM ELMAHI MANSOUR

Senior Civil/Structural Engineer | 20+ Years Experience | Quality Control | Project Management

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PROJECTS

Main Office Building of MOMAH plot, Olaya District.

11/2025 - Present | Riyadh, KSA

Senior Civil Engineer

- Construction of a 5-story above-ground building with lower ground floor and two basement levels.
- Responsibilities included structural design review and site supervision.

Custodian of the two Holy Mosques King Abdullah bin Abdulaziz Project (KAP5)

01/2015 - 10/2025 | Saudi Arabia

Senior Structural Engineer

- The project consists of 388 sites distributed across the Kingdom of Saudi Arabia.
- It includes 88 different building prototypes with various functions and usages across approximately 6 floors.
- Responsibilities included structural design review.

Construction of Ready Built Factory Project (Cluster of 30 Units), MODON Administrative Building Project, and Infrastructure works for Sudair Industrial City.

06/2013 - 12/2014 | Saudi Arabia

Senior Structural/Construction Engineer

- Project involved the construction of a cluster of 30 ready-built factory units, designed to support industrial and manufacturing activities.
- Improved operational efficiency by constructing a new building and executing infrastructure projects.

Link of Hair-Howta bani Tamim with Hariq- The project consists of, (1) Interchange (3) Box Culverts, (10) Pipe Culverts. Doubling of Howta Bani Tamim-Hariq Road-The project consists of (2) Bridges, (9) Box Culverts, (18) Pipe Culverts.Agricultural Roads Group (27)

01/2010 - 03/2013 | Howta bani Tamim

Site Civil Engineer

- Increased infrastructure capability by constructing bridges and executing earthworks.

Abha –Namas Doubling Section (2) Aseer Province

03/2006 - 12/2009 | Abha Aseer

Site Construction Engineer

- Improved project completion rate by supervising earthwork and structural works.

Burj Elfateh Tower

2004 - 2026 | Khartoum, Sudan

Africoat-Sudan Port Authority

- Construction Site Engineer**

SUMMARY

Senior Structural / Civil Engineer with over 20 years of experience in structural design review, construction supervision, and quality control of large-scale building and infrastructure projects in Saudi Arabia. Strong expertise in Saudi Building Code (SBC-2024), ACI 318, AISC, and foundation/geotechnical coordination. Proven ability to lead multidisciplinary teams, manage QA/QC processes, review shop drawings and RFIs, and deliver compliant, cost-effective engineering solutions

LANGUAGES

Arabic

Native



English

Proficient



SKILLS

TECHNICAL SKILLS

Structural Design Review

Construction Supervision

Saudi Building Code (SBC-2024)

ACI 318

AISC

Shop Drawings

RFIs

QA/QC Management

NCR Reporting

Value Engineering

Geotechnical Soil Report Review

Multidisciplinary Coordination

Lead structural/Civil engineer

EXPERIENCE

Senior Civil Engineer

Italconsult SpA

11/2025 - Present Olaya District

- Ensured compliance with Saudi Building Code (SBC-2024) through structural design review and modifications.
- Prepared and issued enhanced structural design calculations and drawings according to SBC-2024 specifications.
- Supervised construction activities daily, verifying adherence to approved drawings, specifications, and method statements.
- Reviewed and approved material submittals and technical datasheets for site use.
- Inspected and approved structural site works, including concrete and reinforcement processes.
- Coordinated with contractors and consultants to address technical issues and design discrepancies.
- Implemented quality control procedures, ensuring compliance with shop drawings and project requirements.

Senior Structural Engineer

Italconsult SpA

01/2015 - 10/2025 Riyadh, Saudi Arabia

- Led and reviewed structural designs for reinforced concrete and steel structures in compliance with SBC-2024, ACI 318, and AISC standards.
- Reviewed and approved structural shop drawings to ensure alignment with approved designs, construction details, and site requirements.
- Verified quantities, conducted value engineering studies, and proposed optimized structural solutions to enhance cost efficiency and constructability while maintaining safety and quality.
- Collaborated with Architectural, Mechanical, Electrical teams to resolve design clashes; ensured integrated design delivery.
- Reviewed and approved method statements, evaluated construction procedures, and responded to RFIs related to civil and structural works.
- Prepared, reviewed, and issued technical reports, design clarifications, and formal responses for contractor submittals and approvals.
- Reviewed soil reports; recommended foundation systems, methods, and design considerations.
- Attended and actively participated in technical and coordination meetings with clients, consultants, and contractors, providing expert engineering input and decision-making support.
- Took technical decisions and corrective actions to resolve site-related challenges arising from site conditions, design changes, or construction constraints.
- Monitored site execution and quality control, ensuring compliance with approved drawings, specifications, and applicable standards.
- Acted as Head of Civil Department, managing civil and structural activities, leading the engineering team, coordinating resources, and ensuring timely and compliant project delivery.

SKILLS

SOFTWARE

ETABS SAP2000 SAFE AutoCAD

Revit Robot Structural Analysis

PROKON

EDUCATION

Bachelor's Degree in Civil Engineering

Sudan University of Science and Technology

02/1999 - 10/2003

FIND ME ONLINE

 LINKEDIN

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CERTIFICATIONS

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Saudi Building Code (SBC) & ACI Compliance

Structural Design & Review Practices

Construction Quality Control (QA/QC)

EXPERIENCE

Senior Structural Engineer

Italconsult SpA

📅 06/2013 - 12/2014 📍 Sudair

- Managed construction of 30 ready-built factory units and an administrative building with a total cost exceeding SAR 41,400,000, ensuring compliance with approved standards and specifications.
- Executed infrastructure works connecting Sudair Industrial City to Riyadh-Qassim corridor, including three bridge constructions for improved transportation links.
- Coordinated site activities and ensured safety adherence. Conducted regular inspections with stakeholders, contractors, agencies, and quality control authorities.
- Supervised construction work from site development to completion, ensuring architectural finishing, and effective labor management.
- Assured work quality by performing material quality tests and preparing method statements and checklists in line with project scope.
- Prepared detailed project schedules, monthly progress reports, and cost analysis, ensuring project timelines and budgets were met.
- Facilitated technical issue resolution and design implementation, enhancing construction efficiency and project outcomes.

Site Structural Engineer

Italconsult s.p.a

📅 01/2010 - 05/2013 📍 Saudi Arabia

- Assist to Resident Engineer for technical quarries, correspondence etc. for Howta -Hariq projects
- Supervising the construction of the structural works in accordance with the project design and specification
- Duties and responsibilities include report writing daily, weekly, monthly including (dashboard), KPI and QA/QC weekly reports with NCR (Non-Conformance Reports)
- Monitoring of quality control under the MOT specification and engineering standards, quantity and progress to ensure that contractor should terminate the work within stipulated contractual time period
- Checking contractor's submittals including shop drawings and method statements
- Verification of IPC at the end of the month
- Supervision checking and revision of structural, constructional drawings

Site Construction Engineer

Italconsult s.p.a

📅 03/2006 - 12/2010 📍 Saudi Arabia

- Supervise all Structure works @ site
- Checking of shop drawing & designs
- Checking quantities and control quality of contractor works

Construction Site Engineer

Africoat-Sudan Port Authority

📅 2004 - 2006 📍 Khartoum, Sudan

- Prepare daily reports for construction works to insure completion of work at time
- Develop bid package for subcontractor, procure subcontractor, material and services to meet with project requirements
- Prepare daily project submittals
- Maintains project RFI logs
- Prepare monthly payments
- Assist in the project control, survey and layout