

MAHMOUD MOOSA

PROJECT CIVIL ENGINEER

CAREER SUMMARY

Experienced Project Engineer with 13 years in structural works, oil rig development, and railway systems. Skilled in managing technical teams, ensuring timely, budget-conscious, and high-quality project execution. Effective in resource coordination, stakeholder communication, and driving project success.

PROFESSIONAL EXPERIENCE

From February 2018 to Present:

Project Engineer- BACS Consortium Bechtel, ALMABANI, CCC and Siemens (Riyadh Metro Project- AL Riyadh Development Authority) (ADA)

- Coordinated and analyzed construction activities, managed budgets, costs, and productivity, and ensured compliance with safety and environmental protocols.
- Supervised finishing and concrete works for underground stations and concrete sections using Doka & RMD systems.
- Managed subcontracted teams, coordinated office functions and progress meetings, and ensured quality control and reduced defects.
- Oversaw earthworks and integration of underground utilities, provided technical expertise, and trained and mentored junior engineers.
- Proactively planned and monitored projects, reviewed contractor proposals, and facilitated cross-functional team collaboration to achieve project goals.

April 2016 TO February 2018:

Site Engineer - Consolidated Contractors Company C.C.C. (JAZAN REFINERY UTILITIES PROJECT – Saudi Aramco) (JRUP)

- Managed concrete projects including ramps, pump stations, culverts, manholes, and water drain systems.

Contact Information

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EDUCATION

Bachelor of Civil Engineering (Structure) - Jordan University of Science and Technology / Irbid - JORDAN (2006-2011)

SKILLS

- Arabic Language - Native
- English Language - Excellent
- Microsoft Software: Microsoft Word, Excel, PowerPoint, Outlook, Aconex, VBC Dashboard
- Construction management
- Structure Analysis
- OSHA
- Scheduling and Planning
- Quality Control
- Technical Collaboration and Team Leadership
- Subcontracting management
- Autodesk AutoCAD
- Health and safety compliance
- Purchasing and procurement
- Environmental awareness
- Material Logistics

- Oversaw excavation and backfilling for various utilities.
- Assisted in road construction tasks and managed on-site resources for smooth project progression.
- Ensured compliance with Aramco's standards and handled material requests, budget, and productivity.
- Conducted repairs and finishing works for manholes, ramps, and drain water systems.

April 2014 TO February 2016:

Site Engineer - Consolidated Contractors Company C.C.C (Batinah Express Way) Package 6 (BEW Project)

- Worked on a 124 million Omani Rial project, constructing flyovers, interchanges, underpasses, and wadi bridges.
- Ensured compliance with safety protocols, quality standards, and project drawings.
- Conducted safety meetings and implemented safety measures to minimize risks.
- Coordinated communication between office and external parties, and liaised with consultants for approvals.
- Managed environmental impact by controlling construction waste and promoting sustainability.

February-2012 till April-2014

Site Engineer - Consolidated Contractors Company C.C.C. in Great separate interchange (G.S.I) project

- Managed an 18 million Omani Rial project, including bridges, culverts, and New Jersey barriers.
- Oversaw MSE walls, piling works, post-tensioning, and waterproofing.
- Ensured quality control with Parsons consultant and performed quantity surveys for accurate resource management.

July 2010 until August 2010:

Trainee - Consolidated Contractors Company CCC in Development of Muscat international Airport Project (DMIA)-Sultanate of Oman

- learned a lot of topics about civil Engineering working structure
- Working as a good teamwork in road & bridges and utilities department.

LICENSES AND CERTIFICATIONS

- Saudi Council of Engineers
- Jordan Engineers Association
 - 1) Quantity of Surveying
 - 2) Staad Program of Structure Analysis
 - 3) Advance Primavera P3
 - 4) Etabs 9
- Supervisor in Specific Safety from OSHA training - Oman
- Basic first aid–Safety Technical Services Company LLC-Oman
- Bechtel University 2022
 - 1) Information Security
 - 2) OSHA
 - 3) Engineering specification
 - 4) Introducing Six Sigma at Bechtel
 - 5) Quality records
 - 6) Safety guidelines for working over water
 - 7) Business ethics
 - 8) Construction (functions, project procedure, site training, surveying)
 - 9) Contract awareness
 - 10) CSA (CIVIL-STRUCTURAL-ARCHITECTURAL)
 - 11) Document control
 - 12) Hazard communication
 - 13) Sustainability at Bechtel
 - 14) Waste management
- CCC- Project Management Institute/ Coursera
 - 1) Value Engineering Webinar
 - 2) Planning and Scheduling Webinars
 - 3) Ethics & Compliance induction course
 - 4) CCC Ethics & Anti-Corruption
- Aramco – Hitachi certificates in JAZAN project
- Project Management institute PMI Member