

AURANGZAIB ALAMGIR



BSc. CIVIL ENGINEER & (PMP)[®]
UET, Pakistan

Saudi Council Engineering # CIVIL/237697
Date of Birth 25/09/1989

Pak Engineering Council # CIVIL/32765
Marital Status Married

Current Address

Abha, Aseer Province, Saudi Arabia.

Nationality Pakistan

LinkedIn Link

<https://www.linkedin.com/in/aurangzaib-alamgir-14739055/>

Contact No (PAK) +92-331-0066796

Contact No (KSA) +966-59-0383234

Email ID enr.aurangzaib72@gmail.com

PMP Certification Link

https://www.credly.com/badges/f41f3302-900d-41d1-abda-ae878fea3476/linked_in?t=skkuwk

SUMMARY

Professional Civil Engineer with over 13 years of experience managing all aspects of large, multi-million civil works construction projects. Expertise includes planning and design, construction management, cost-effective engineering solutions and the preparation and review of complex construction data, reports & documents including estimates, specifications, test results, and schedules.

EDUCATION

B.Sc (2008–2012)	Bachelor of Sciences in Civil Engineering University of Engineering and Technology, (UET) Taxila, Pakistan.
HSSC (2006-2008)	FSc Pre-Engineering Punjab College of Sciences, Gujranwala, Pakistan.
SSC (2004-2006)	Matriculation Saint Joseph High School, Gujranwala, Pakistan.

WORKING EXPERIENCE AT ABV ROCK GROUP LTD

Position	Senior Civil Engineer
Company	ABV Rock Group Ltd.
Client	Ministry of Interior (MOI)
Consultant	ITAL Consultant
Project Name	Southern Border Security Housing Compound (S02 Asir, S03 Dhahran Al-Janoub, S05 Al-Batha & SFMC Jeddah), KSA
Total Duration	Nov 24, 2019 to till now



Job Responsibilities:

- Plan, Manage and supervise all civil activities such as Earthwork, Structural works, Infra-Structural & Wet Utilities works and Architectural works.
 - **Earthwork:** Excavation, Embankments, NGL, Subgrade and Sub- base Engineering fill.
 - **Structural Work:** Reinforced Steel, Shuttering, Concrete and Pre-cast installation.
 - **Infra-Structural Work:** Wet Utilities, Sewerage system, Storm water network, Irrigation line network, Lighting pole foundations, Hardscape, Landscape and Road works.

- **Architectural Work:** CMU installation, Plaster application, Painting system, Porcelain & Ceramic installation, Windows installation, Kitchen Cabinet and Waterproofing system.
- Supervising and monitoring the work of junior engineers, technicians, technical staff and other Sub-contractor engineer's performance to ensure their roles and responsibilities.
- Analyzing survey reports, drawings, aerial photography, and other topographical or geologic data.
- Inspecting construction sites to monitor progress and ensure conformance to design, drawings, specifications and safety standards.
- Review Infra-Structural/Wet Utilities Designs as per Site Implementation and resolve technical design conflicts by proposing cost-effective solutions for infrastructure and hardscape works on-site; prepare design proposals and get approval from the Site Consultant Team.
- Liaise and coordinate between head office design teams, consultant engineers, site teams, and sub-contractor representatives.
- Submit approved Technical proposals to ABV Head Office technical design team to revise the latest technical data & details in the upcoming revision of Shop drawings.
- Preparing and Submissions of Request for Inspections (RFI) and Material Inspection Reports (MIR) as per the ITPs and QA/QC standards & Specifications.
- Maintaining and Updating the Quality Control and Progress monitoring log sheets as per the work done at site.
- Ensuring that all activities that are being performed as per the approved shop drawings, standard construction method statements, BOQ's, QA/QC standards and specifications.
- Ensuring that all activities that are being performed as per MOI safety standards, specifications and plans.
- Monitoring of all manpower works productivity and inspects to ensure high quality MOI standards.
- Ensuring that all MEP works are being done before structural works, architectural works, hardscape works and road works.
- Estimates the needed materials of sites and generate demand to procurement department.
- Coordinating with project manager, Engineers, consultants and sub-contractors managers regarding on all site activities.

WORKING EXPERIENCE AT SPACCO

Position	Project Engineer
Company Name	Saudi Pakistani Advanced Construction Company, SPACCO, KSA
Consultant	Saudi Electricity Company & ARAMCO
Total Duration	Sep 05, 2017 to Nov 20, 2019
Projects Name	



- Construction of 115 kV overhead transmission line OHTL concrete foundations works including drilling, reinforcement cage, steel casing, stub and template setting with pouring of concrete and earthing/grouding installation at Fadhili industrial support facilities, ARAMCO, Jubail with Al Babtain.
- Construction of 132 kV overhead transmission line OHTL concrete pile foundations works including drilling, reinforcement cage, stub and template setting with pouring of concrete and

earthing/grounding installation from PP10 to Substation S/S 8063, Al Ha'ir, Riyadh with Al Babbain.

- Construction of 380 kV overhead transmission line OHTL concrete pile foundations works including drilling, reinforcement cage, stub and template setting with pouring of concrete and earthing/grounding installation in Dumat Al-Jandal, KSA.
- Construction of RCC supporting foundation structures of vapor recovery unit VRU, lighting poles, battery boxes & transformer cable bus ducts at north Riyadh bulk plant NRBP at ARAMCO plant with Olayan Descon.
- Construction of RCC anchor support structure foundations for the modification of 132 kV tee-off towers inside the terminal compound, Riyadh with Ibn Omairah.
- Construction of access road & structure pad for 132 kV overhead transmission line OHTL Bukariya, Al Qassim with Al Fanar.
- Construction of complete arrangement of 132kV OHTL terminal compound including Surge Arrestors, Cable Sealing End and Supporting Structures foundations, Al Riyadh with Ibn Omairah.

Job Responsibilities:

- Manage and supervise all civil execution of construction plans from excavation works including drilling/piling, embankments, access road, structural pad, structural works and architectural works.
- Establish and allocate all resources required for the Execution of construction Activities from Project Initiation to the final handover.
- Ensuring that all activities that are being performed as per the SEC/ARAMCO standard construction methods, drawings, BOQ's standards and specifications.
- Ensuring that all activities that are being performed as per SEC/ARAMCO safety standards, specifications and plans.
- Monitoring of all manpower/subcontractors works productivity and inspects to ensure high quality SEC, ARAMCO or concerns standards.
- Preparing quotations for clients, purchase orders/work orders for sub-contractors, reports for site operations and activities, work done site measurement calculation sheets and bills for subcontractors.
- Monitoring the pile rigging, insertion and removing of steel casing in the bore pile with Vibro-hammer, insertion of reinforcement cage in the pile casing, setting of stubs and templates of towers and pouring of concrete.
- Preparing bar bending schedules, calculate concrete quantities and calculate shuttering formworks quantities.
- Ensuring that all MEP works are being done before Structural works.
- Estimates the needed materials of sites and make request demand to procurement.
- Coordinating with client's managers & Engineers, consultant, stakeholders and owner regarding on all site activities, performance and progress.

WORKING EXPERIENCE AT SALMAN AL-SAADY

Position	Site Civil Engineer
Company Name	Sultan Salman Al-Saady Est. Contracting, KSA
Client	Ministry of Defense and Aviation, MODA
Project Name	D400 Army Housing Project, Al Dawadmi
Concern Buildings	Sports Hall Complex & Single Officer's Suite building
Duration	November 26, 2014 to February 10, 2017



Job Responsibilities:

- Supervising and managing execution of construction plans from excavation works, backfilling, structural and architectural works.
- Ensuring that all activities that are being performed as per the MODA standard construction methods, drawings, BOQ's standards and specifications with all safety precautions.
- Monitoring of all manpower works productivity and inspects to ensure high quality Ministry of Defense and Aviation, MODA standards.
- Preparing bar bending schedules, calculate concrete quantities and design and calculate shuttering formworks quantities of critical structures such as 6.4 diameter dome structure, circular staircase, 7.2m high circular structural walls and slabs with drop panels and circular beams.
- Checking of steel works, form works and concrete pouring on site.
- Checking of architectural works such as block work, plaster work, paint work, ceiling works, doors, windows and curtain walls and making sure that it was being done as per drawings & specifications.
- Ensuring that MEP works are being done before Architectural and structural works and architectural works.
- Preparing request for consultant's inspection, work done site measurement calculation sheets, bills for sub contractors, reports of site operations and activities.
- Estimates the needed materials of sites and send demand to procurement.
- Coordinating with Project Manager and other Engineers, consultants and site Supervisor/Forman regarding on all site activities.

WORKING EXPERIENCE IN PAKISTAN

WORKING EXPERIENCE AT ARMY HOUSING DIRECTORATE, GHQ

Position	Site Civil Engineer
Company Name	Army Housing Directorate, Pakistan.
Period	Feb 03, 2014 to Nov 22, 2014
Project Name	Residential Apartments (G+7) Pakistan Army Officers, Askari XI, Lahore.



Job Responsibilities:

- Supervising and managing execution of construction plans from excavation works, backfilling and structural works.
- Ensuring that all activities that are being performed as per the standard construction methods, drawings, BOQ's standards and specifications with all safety precautions.

- Inspection of steel works, form works and concrete pouring on site.
- Preparing reports regarding on site operations and activities.
- Coordinating with Assistant Director Housing (ADH), Deputy Assistant Director (DAD), and Engineers of Contractors regarding on all executions, discrepancies and reporting any conflicts on site.

WORKING EXPERIENCE AT PAKISTAN CONSULTING ASSOCIATES

Position	Junior Design Engineer & Site Engineer
Company Name	Pakistan Consulting Associates (PCA), Lahore, Pakistan.
Client	Pakistan Tobacco Company (PTC), Pakistan.
Period	August 15, 2012 to January 28, 2014.
Project Name	



- Construction of boiler blast proof wall, extension of primary manufacturing department (PMD) & reconstruction and retrofitting of tobacco warehouses.
- Design of structural steel truss having 40ft (12.20m) & 50ft (15.20m) span for Pakistan Tobacco Company (PTC) warehouses.
- Design of RCC Beam/Slab of 3 storey commercial plaza.
- Design of RCC Beam/Slab having 20 ft (6.0m) span of ware house and Office Block for Pakistan Tobacco Company (PTC).
- Design of structural steel Truss having 17.75ft (5.40m) span of extension at primary manufacturing department (PMD), Pakistan Tobacco Company (PTC), Akora Khattak, Pakistan.

Job Responsibilities:

- Design of reinforced concrete structures and steel structure with advanced software's applications and American standards, specifications and codes.
- Preparing drawings, Engineer's estimation of quantities, bar bending schedules & BOQ's
- Supervising and managing execution of construction plans from excavation works, backfilling, structural and architectural works.
- Ensuring that all activities that are being performed as per the standard construction methods, drawings, BOQ's, standards and specifications with all safety precautions.
- Inspection of reinforcement steel works, form works, concrete pouring, structural steel trusses and plate girder fabrication with installation on site.
- Verifying the contractors bills according to BOQ's.
- Preparing daily and monthly progress reports regarding on site operations and activities.
- Coordinating with CEO, senior structural Engineers, Client and Contractors coordinators on all discrepancies and reporting any conflicts on site.

KEY SKILLS

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|-----------------------------------|--------------------------------------|
| ➤ Construction Management | ➤ Innovative Construction Techniques |
| ➤ Leadership | ➤ Quality Control |
| ➤ Team Collaboration | ➤ Civil & Structural Design |
| ➤ Communication & Problem Solving | ➤ Infra-Structure Design |
| ➤ Time Management | ➤ Design Proposals |
| ➤ Resource Allocation | ➤ Codes & Standards |
| ➤ Risk Management | |

SOFTWARE SKILLS

- AUTOCAD 2D, Microsoft Office & Adobe Photoshop (Currently)
- ETABS and SAP (at the time of designing structures, year 2012-2014)
- Oracle Primavera P6 (Currently working on various projects)
- Power Bi - Data Visualization.

LANGUAGES

- English, Arabic Urdu & Punjabi.

REFERENCES

References available upon request