

ENGR. AIMAL KHAN

Civil Engineer | Structural Engineer



SCE Membership No: 1294865

Valid & Transferable Iqama

aimalkhan.civil@gmail.com

+966595030763

Riyadh, Saudi Arabia

Professional Summary

Structural Engineer with 7 years of experience in structural design, analysis, construction, site supervision, and inspection across building, infrastructure, and water-related projects. Experienced in reinforced concrete and steel structures, foundations, beams, columns, slabs, retaining walls, and water tanks. Proficient in ETABS, SAFE, STAADPRO, SAP2000, AutoCAD, and Revit, with strong experience in structural drawings, design calculations, reinforcement detailing, site coordination, and construction execution.

Core Competencies

- Reinforced Concrete & Steel Structures
- Structural Drawings & Detailing
- Structural Inspection
- Quantity Take-Off & BOQ
- QA/QC & Inspection
- IFC/Shop Drawing Review
- Structural Analysis & Design
- ETABS/SAFE/STAADPRO/SAP2000
- Technical Problem Solving
- Site Execution & Supervision
- ITP, WIR/IR, MIR, NCR/SOR

Professional Experience

Civil Engineer / Site Structural Engineer

08/2024 – 07/2026 | Riyadh, Saudi Arabia

Mas Engineering & Construction Company

- Supervised on-site execution of RCC structural works, including foundations, columns, beams, slabs, reinforcement, formwork and concrete.
- Reviewed IFC/shop drawings, structural details and specifications for accurate site implementation.
- Checked reinforcement, concrete cover, dimensions, levels, embedded items and formwork prior to concrete casting.
- Coordinated piling, pile testing, surveying, setting-out and foundation activities.
- Coordinated pre-pour inspections, concrete placement, compaction, curing and post-pour activities.
- Reviewed Method Statements, ITPs and shop drawings and coordinated WIR/IR inspections with consultants.
- Identified structural/site discrepancies and coordinated technical clarifications and corrective actions with consultants and technical teams.
- Applied knowledge of structural analysis and design using ETABS, SAFE and SAP2000 to support site execution and structural coordination.
- Maintained structural inspection records, drawings, reports and technical documentation.

Civil Site Engineer, Al Fouzan Contracting Company

07/2023 – 07/2024 | Dammam, Saudi Arabia

Project: SPARK Project Building & Industrial Facilities | Consultant: CSD

- Supervised day-to-day construction activities for a 6-storey (G+5) building in accordance with approved drawings and specifications.
- Managed execution of foundations, columns, beams, slabs, blockwork, and associated civil works.
- Supervised reinforcement, formwork, concrete pouring, curing, and related site activities.
- Coordinated manpower, equipment, materials, and subcontractors to maintain efficient site progress.
- Monitored construction progress, surveying, setting-out, and site requirements.
- Coordinated with consultants, subcontractors, and site teams to resolve technical and construction issues.

- Coordinated site inspections and submitted required Inspection Requests (WIR) for consultant approval.

Civil Site/ Structural Engineer

08/2020 – 05/2023 | Swat, Pakistan

Minconsult Sdn Bhd (Malaysia) JV with Creative Engineering Consultant

Project: KPCIP Gravity Based Water Supply scheme (Water Treatment Plant, Transmission and Distribution Pipe) Client: KPCIP, Government of Khyber Pakhtunkhwa

- Reviewed structural drawings, specifications, and method statements and coordinated technical requirements with contractors.
- Supervised structural and civil works including water tanks, building foundations, columns, beams, slabs, reinforcement, formwork, and concrete works.
- Supervised installation and construction activities for MS and HDPE pipelines associated with the water supply infrastructure.
- Conducted structural inspections and monitored workmanship and construction quality in accordance with approved requirements.
- Coordinated with consultants, contractors, subcontractors, and design teams to resolve technical issues and implement approved modifications.
- Participated in site meetings and monitored structural work progress and construction activities.
- Maintained inspection, testing, construction, and technical records for consultant/client approval.
- Coordinated with the Quantity Surveyor during Interim Payment Certificates (IPCs) to verify quantities and completed works.

Site Engineer, Sunrise Associates

09/2019 – 06/2020 | Islamabad, Pakistan

Project: Multipalm Villas & Multi Storey Shopping Plaza | Client: CDA, Islamabad

- Supervised architectural and structural works in accordance with approved drawings and specifications.
- Conducted daily site inspections to monitor construction quality and workmanship.
- Reviewed structural drawings and coordinated technical requirements for site execution.
- Prepared material quantity estimates and Bar Bending Schedules (BBS) for structural works.
- Coordinated with consultants and clients regarding technical issues, site changes, and construction decisions.

Education

M.Sc. Civil Engineering | Structural Engineering

Peshawar, Pakistan

Sarhad University of Science & IT Peshawar, Pakistan

B.E. Civil Engineering, Sarhad University of Science & IT Peshawar, Pakistan

Peshawar, Pakistan

Technical Skills

Structural Design

ETABS, SAFE, SAP2000

Office

MS Word, MS Excel and MS PowerPoint

Drafting & Detailing

AutoCAD, Revit

Trainings & Certifications

- Professional Certificate in Structural Design
- Master Structural Design of Building
- AutoCAD Training

Languages & Communication

English

Fluent

Arabic

Beginner

Urdu

Fluent

Pashto

Fluent