

Ijaz Ahmad Khan

Civil / Structural Design Engineer

6 plus years Professional experience

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00966-59-3089943

Iqama No: 2512508462 (transferable)

Professional Affiliation:

Registered with Saudi Council of Engineers

Qualifications:

BS Civil Eng. (2015) UET Peshawar

MS Struct. Eng. (2017) Cecos Peshawar

Summary/Skills:

Structural Engineer with Master in structure engineering from University of Engineering and Technology Peshawar (Pakistan) and extensive experience 6 plus yrs in Structural designing for reinforced concrete buildings, different types of foundations for concrete structure Designing of Substations for SECECO, underground structures, analyzing of structures for wind and seismic forces.

Proficiency in using different structural design software such as Etabs, SAFE, SAP2000, Staad pro, prokon, Tedd, concise & others.

I have sound knowledge of international codes such as ACI, ASCE, IBC, PCI and Saudi Building code (SBC).

Similarly, I have supervised site construction activities and ensured conformance with project requirements in terms of material deliveries, approved drawings, approved site procedures specifications and standards.

Experience:

Civil/Structure Design Engineer

Ranco & Zamil precast Industries Saudi Arabia

January 2022 till now

- Jwahrat Mall Jeddah Jeddah (Project Value 250M)
- Binyah Car parking Riyadh Saudi Arabia
- SAMHAN car parking Riyadh Saudi Arabia (Project Value 60M)
- Buridah Mall

Substation Project with Saudi electrical Company

- Nemar substation
- Ruh Almadina
- Al-Ghat substation

Responsibilities

1. Preparing structural models (3D), analyzing for upcoming loads, taking results and designing for different structural parts.
2. Modelling, designing and detailing of retaining wall
3. Designing of precast elements like Hollow cores, Double Tee, different types of PC beams, columns, composite walls, boundary walls, load bearing walls etc
4. Designing of different types of foundations
5. Design of architectural concrete claddings
6. Design of different types of element connections
7. Reviewing elements shop drawings
8. Structural calculations report writing

Civil/Structure Design Engineer

Creative Design Engineering consultant Pakistan

2017-2022

Concrete Multi Story Buildings, and foundations, underground structures and Infrastructure

Responsibilities

- 1- Study and analyzing the architectural plans to prepare the concept design
- 2- Preparing 3D models using etabs and staad pro.
- 3- Preparing the calculation report for results and structural details
- 4- Modelling, design and detailing of slabs and foundation
- 5- Studying the soil report and designing different types of foundations
- 6- Review of shop drawings prepared by structural draftsmen
- 7- Preparation of Drawings for Landscaping, Roads & walkways Profile and cross section
- 8- Preparation of BOQ for different construction items
- 9- Estimation for cut & fill and roads work.
- 10- Meeting with the consultant

Civil Engineer

Communication and works department Khyber
Pakhtunkhwa Pakistan

2015-2017 Pakistan

Multi stories Residential and commercial buildings

Responsibilities

- 1 Studying the client plans and giving the technical advices
- 2 Assisting the architects to meet the client requirements for different residential and commercial buildings
- 3 Analysis and design of Masjid
- 4 Preparing BOQ for civil materials
- 5 Visiting to site and ensuring the quality of construction to meet the code requirements
- 6 Meeting with client and briefing them on site status
- 7 Preparing the structural calculation report

Computer Skills:

- 1 Microsoft application
- 2 Auto CAD (2022).
- 3 Tekla tedds
- 4 STAAD Pro
- 5 Concise beams
- 6 CSI Etabs
- 7 CSI SAFE
- 8 Staad Pro

Languages:

- 1 English
- 2 Arabic
- 3 Urdu

Activities and Interest:

Reading, Hunting, Reciting, watching and playing football

References:

References will be given on demand

Driving License:

Valid Saudi Driving License