

Holds B. Sc. in Civil Engineering and M. Sc. in Structural Engineering. Has over 14 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/09/1979
Gender : Male
Residence : Heliopolis, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Ain Shams University, 2003
: M. Sc. in Structural Engineering, Helwan University, 2010

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: MS Project
: CAD software (AutoCAD and MICROSTATION)
: STAADPro V8i Select series 5
: CSI Family software (SAP2000, ETABS, SAFE)
: PCA Family software (PCA Column, PCA Beam, PCA Slab)
: Prokon software

TRAINING COURSES AND CERTIFICATIONS

: Communication skills.
: Presentation skills.
: Leadership.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2015 till now
Employer : Al Fanar Co.

- Projects** : • Makkah Housing 380/110/13.8KV BSP
• Jeddah Airport Housing 380/110/13.8KV BSP
• Prince Fawaz Housing 380/110/13.8KV BSP
• AL-WAJH 380/132/33/13.8KV BSP
• Government Compound 110/13.8KV S/S
• 110/13.8KV ISKAN Prince Fawaz 1 & 2
• Expansion of Modon Jeddah 380/110KV BSP
• Expansion of 380KV Jeddah North West BSP
- Job title** : Civil Design Team Leader
- Job Description** : • Study project technical specifications and tender drawings.
• Prepare design criteria for client's approval.
• Prepare general notes drawings for client's approval.
• Prepare design calculations for the following tasks:
• Design calculations for GIS buildings (large spans industrial single story buildings with basement, expansion joint, precast roof slabs system and overhead travelling crane).
• Design of switch gear buildings (Medium spans industrial single story buildings with basement, expansion joint, precast roof slabs system & large floor openings).
• Design of control buildings (large spans industrial double story buildings with basement, expansion joint, precast roof slabs system & mechanical facilities).
• Design of equipment foundations (extra high voltage transformers foundations, firewalls, oil catch basins, Gas Insulated Bus bars (GIB) foundations, Capacitor banks foundations, ...etc.
• Perform design coordination process with other disciplines to avoid mismatching.
• Revise drawings finalized by cad operators.
- Dates** : From Jul. 2013 till Jun. 2015
- Employer** : Al Fanar Co.
- Projects** : • 380/110/13.8KV Al-Khuzam BSP
• 380/110/33/13.8KV Umluj North BSP
• Haramin High-Speed Railway 380KV Substations (6 substations)
• 4 x 110/13.8KV MIC 2 S/S
• 110/13.8KV New Military City-2 S/S
• 110/13.8KV Jazan City Center S/S
- Job title** : Senior Civil Design Engineer
- Job Description** : • Prepare design calculations and drawings for various items like:
- Design of Capacitor bank sun shed (steel structures).
- Design of lighting and lightening poles foundations.
- Design of Auxiliary transformer foundations.
- Design of boundary wall foundations.
- Design of steel supports for electrical equipment.
• Perform design coordination process with other disciplines and regional offices to avoid design mismatching.
• Prepare BOQ for tendering purposes for different substation projects.
• Revise drawings finalized by cad operators.
• Review different suppliers technical data sheets to match with design requirements.

Dates : From Aug. 2007 till Jun. 2013
Employer : Al Fanar Co.
Projects :

- 132/13.8KV S/S # 8133 in Al-Fanar Industrial Area
- 132/13.8KV 8905 S/S at Al Maseef Area
- 380/110/13.8KV Kandarrah BSP
- Makkah West 380/110/13.8KV BSP
- Hitten 380/132KV BSP S/S # 9005 at PP-5

Job title : Civil Design Engineer
Job Description :

- Prepare base design drawings for various types of buildings.
- Prepare detail design packages for various buildings & outdoor equipment.
- Prepare detail design for overhead transmission line foundation projects.
- Prepare detail design for various liquid retaining structures like water & oil tanks.
- Provide darting support to cad operators and civil staff team.
- Review different suppliers technical data sheets to match with design requirements.
- Perform design coordination with other disciplines and regional offices to avoid mismatching.
- Prepare as built drawings for finalized projects as per client's requirements.

Dates : From Nov. 2006 till Jul. 2007
Employer : MisrConsult Co. (Ex. SaudiConsult)
Job title : Structural Design Engineer

Dates : From May 2004 till Nov. 2006
Employer : Egyptian Consulting House Co. (ECH)
Job title : Structural Design Engineer

Dates : From Feb. 2004 till May 2004
Employer : Egyptian Engineers Co.
Job title : Site Engineer
Job Description : Participated in execution of several projects such as Golf City.

Dates : From Dec. 2003 till Feb. 2004
Employer : Vibrex Co .for foundations and tunneling
Job title : Site Engineer
Job Description : Participated in execution of a bored piles project at Zagazig.

Field of experience :

- Good team-leading skills as a responsible person for leading a design team of 18 engineers and cad-operators.
- Good organizational skills as a responsible person for integrating the work between three different design departments (Civil, Electrical, and mechanical) in order to avoid obstacles and contradictions to achieve the assigned target.
- Strong hands-on experience and review knowledge of architectural and

structural design of buildings, lattice steel structures design (Transmission Lines Towers, cable gantries, equipment support structures), foundation design for buildings, transformers, reactors & other outdoor equipment, tower lines for substations and transmission lines from concept design to construction drawings.

- Strong knowledge in preparing specifications, basis of design, engineering alternative solutions, BOQs and Value engineering.
- Working knowledge on T&D functions w.r.t construction in coordination with other engineering disciplines.
- Familiar with relevant codes & standards – American Concrete Institute (ACI), International Building Code (IBC), American Society of Civil Engineers (ASCE), Regional Standards, Quality and Metrology Organization (SASO), SEC standards etc.
- Understanding and working knowledge of design software – SAP, STAAD Pro, GT Strudel, MS Excel, drafting tools and document management systems.
- Passionate about structural and civil engineering. Be a creative leader in design and project management. Have excellent technical skills and be able to mentor staff in their own development and the development of projects.