

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 Kandarah 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.