

Holds a B. Sc. in Civil Engineering (Structural Dept.) and has about 10 years hands-on experience in the field of structural engineering in both steel and concrete buildings.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/04/1986
Gender : Male
Marital Status : Married
Residence : Obour City, Cairo

EDUCATION

: B. Sc. in Civil Engineering (Structural Dept.), Ain Shams University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Staad Pro
: Tekla structure (professional level with advanced API features)
: Etabs, SAP
: Safe
: Revit
: Prokon
: Visual Basic 2010
: AutoCAD
: General connection engineering software: limcon, Ram connection, Power connection, Hilti software

TRAINING COURSES AND CERTIFICATIONS

: Design of steel structure with AISC 360-10 (with Dr. Metwally Abu Hamd).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2017 till now (Egypt branch)
From Oct. 2015 till Oct. 2017 (KSA)

Employer : EGEC (house of expert)

Projects :

- Ajyal Project (Aramco compound in south Dhahran)
- Participating in Royal Commission Projects in Jubail (which including both steel and concrete projects like residential buildings, pump stations, recreation buildings and many steel buildings)

Job title : Structural Engineer

Job Description :

- Prepare the required structural calculations for Royal Commission projects using (Staad - Etabs - Safe - Sap2000) also prepare the required manual verification.
- Produce design drawings for steel and concrete buildings.
- Review design packages from Royal Commission contractors to check it and make the required comments.
- Coordinate with site team to solve any technical problems they had faced.
- Attend meetings with Royal commission reviewers (BECHTEL REVIEWERS) to discuss the design comments.
- Lead drafting team to produce as-built Drawing and follow up with consultant to get it approved.
- Prepare many excel calculation excel sheets using AISC 360-10 & AISC 318 to facilitate working process.
- Produce many design drawing using Revit.

Dates : 2015

Employer : Zamil Steel (Global Engineering branch), Cairo

Job title : Structural Engineer

Job Description : Participate in many steel industrial buildings.

Dates : From 2014 till 2015

Employer : Energya Steel Solutions, KSA

Projects :

- KING ABDULAZIZ INTERNATIONAL AIRPORT DEVELOPMENT PROJECT
- Yanbu Refinery Project
- ELSEWEDY high voltage electrical cables

Job title : Technical Office Engineer

Job Description :

- Design members with the required code using related well-known software (Staad Pro - SAP - Etabs).
- Prepare shop drawing using Tekla structures software.
- Adjust tekla templates and prepare custom & advanced components to increase production.
- Visit Yanbu Refinery Project to solve some construction issue.

Dates : From 2008 till 2013

Employer : Group for Engineering - Technical Office of AKP "FACTORY ABDULLA B. AL-KHALIFA & PARTNERS CO." KSA / Cairo, Egypt

- Projects** :
- Sasref (Shell Global Solutions International)
 - Bonatti (Upgrade Abou Ali Plant Oil Company) Project
 - Chiyoda (Jubail Export Refinery)
 - Jgc (Worley Parsons) (shelter and industrial equipments)
 - Ncp (Worley Parsons) (pipe racks and shelters)
 - Sabic (Daelim) Saudi Kayan Petrochemical Complex
 - Technip (Saudi Arabian Oil Company)
 - ThyssenKrupp (Yanbu Export Refinery Project ...conveyor bridge)
- Job title** : Structural Engineer
- Job Description** :
- Design any required structural calculations.
 - Design the members with the required code using related well-known software.
 - Design connections for some projects and prepare shop drawing using Tekla structure.
 - Adjust Tekla templates and prepare custom & advanced components to increase production.
 - Giving Tekla courses for new engineers and prepare advanced templates and customs.
- Field of experience** :
- At the beginning of my career, as a Technical Office Engineer, I participated in projects for (Daelim, Worley Parsons, Technip & Chiyoda).
 - Now and as a Senior Structural Engineer in Consultant Firm "EGEC" my experience is rapidly increased by dealing with our clients (Bechtel - the consultant of Royal commission & Aramco).