

Holds a B. Sc. in Civil Engineering and has over 11 years of experience in the field of steel structures.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/03/1984
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Civil Engineering, Helwan University, 2006
: Preparing for M. Sc. in the field of steel construction

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Engineering: AutoCAD 2D, Sap2000, Etabs, STAAD Pro, Limcon, Idea static connections and tekla structures (modeling)
: Programming: HTML, VB6, VB.net & VBA (for Excel and AutoCAD)
: SketchUp & PhotoShop

TRAINING COURSES AND CERTIFICATIONS

: Steel structures design and detailing.
: ICDL Certificate.
: Certificate of completion in "safety leadership".
: Red Crescent Certificate in First Aid.
: Certificate of completion "Process improvement initiatives".

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2014 till now
Employer : Al Shafar Steel Engineering LLC (ASSENT) (UAE)
Job title : Senior Design Engineer

- Job Description** :
 - Design of steel connections for oil and gas and all other projects.
 - Design/Estimation of all steel structures including PEB.
 - Making erection sequence analysis if required.
 - Preparing design calculation and approval drawings.
 - Preparing estimation documents and BOQ in tender stage.
- Dates** : From Oct. 2011 till Nov. 2014
- Employer** : Zamil Steel Global Engineering Technical Services (ZS GETS)
- Job title** : Senior Steel Design Engineer & Estimator
- Job Description** :
 - Design of all steel structures (Aircraft Hangers, Mill Building, Multi- story buildings, Malls, ...etc.).
 - Design of steel connections for all projects including oil and gas.
 - Preparing design calculation and approval drawings.
 - Preparing design documents and BOQ in tender stage.
 - Checker for junior design engineers.
 - Trainer for new engineers on the company standards and programs.
- Dates** : From Jan. 2008 till Sep. 2011
- Employer** : Zamil Steel Egypt (ZSE)
- Job title** : Steel Design Engineer
- Job Description** :
 - Design of Pre-Engineered Buildings (PEB) including all accessories.
 - Preparing design calculation and approval drawings.
 - Trainer for new engineers on the company standards and programs.
 - Checker for junior designers.
- Dates** : From Jan. 2007 till Dec. 2007
- Employer** : Engineering Group for Contracting (EGC) – Egypt
- Job title** : Detailer & Supervisor on steel fabrication
- Job Description** :
 - Preparing workshop and erection drawings.
 - Making calculation sheets as a check for some cases.
 - Making bill of quantities.
 - Supervision on fabrication process.
- Dates** : From Jul. 2006 till Nov. 2007
- Employer** : TEPCO – Egypt
- Job title** : Design Engineer & Supervisor
- Job Description** :
 - Design of steel skeleton of both Curing and heating ovens.
 - Making shop drawings and erection drawings for them.
 - Supervision on the erection process.

Key projects and scope:

- Mangalore PTA Plant (Technip India): Design of connections for pipe racks, structures and shelters (Oil and Gas).
- Saudi Arabia Oil Company in Jazan (Technicas Reunidas): Design of connections for pipe racks and structures (Oil and Gas).
- PETRONAS Rapid Project, Pengerang (Technicas Reunidas): Design of connections for pipe racks and structures (Oil and Gas).

- Dubai Arena, Dubai: Design of connections (Manual design and finite element as required) and erection sequence analysis.
- Mohammed Bin Rashid Library, Dubai: Design of Connections (Finite element models are provided as required).
- Blue Waters Wharf Retail, Dubai: Design of connections.
- Five stories labour camp in Dubai: Analysis and design for members and connections.
- Harg-Sportkomplex, Armenia: Analysis and design for members and connections.
- JLT residential tower (50 stories in Jumerah, Dubai): Analysis for the tower (Using response spectrum) and estimation for steel quantities.
- Museum of the future, Dubai: Analysis model as a study and an aid in member and assessment of the diagrid model and connection approximate forces and configurations. (in cost estimation stage).
- Air Craft Hanger in Saudi Arabia (200m wide): Estimation model and Bill of quantities.

Sample of PEB Project:

- International Food & Consumable Goods (IFCG), 6th of October, 370 Ton.
- Al Ragaa for Clay Production, 10th of Ramadan, 500 Ton.
- Aramex Mashreq Company, Borg El-Arab, 437 Ton.
- Aramex Mashreq for Logistics Services, 6th of October, 1000 Ton.
- Flex P Films (Egypt) S.A.E – Line 11, 6th of October, 982 Ton.
- MASJID in United Technology for Trade & Investment Co. Ltd, Khartoum, Sudan, 120 Ton.
- Fruitall - Unite Agroalimentaire, Algeria, 370 Ton.
- PCI LTD – Warehouse, Algeria, 500 Ton.
- SCCT (Reefers and warehouse extension) (Detailing), Port Said, 240 Ton.
- Al-Watania Warehouse (Detailing), Cairo, 75 Ton.

- Field of experience :**
- Over 11 years of experience in the field of steel structures.
 - In the first year I got a good experience in steel detailing, quantity surveying and fabrication as I worked as a Technical Office Engineer and Factory Supervisor then.
 - Other years of experience were in design of steel buildings and connections PEB, Multi story, aircraft hangars and connections for oil and gas plants (Key projects are mentioned above).