106804-CVL-D-E-2017
Structural Design Engineer

Holds a B. Sc. in Civil Engineering and has over 1 year hands-on experience working in design field.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	14/01/1994
Gender	:	Female
Marital Status	:	Single
Residence	:	Alexandria

EDUCATION

: B. Sc. in Civil Engineering, Alexandria University, 2017

LANGUAGES

Arabic	:	Native Language
English	:	Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D
: SAP 2000
: Etabs
: Staad Pro
: Safe
: Prokon

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now

Employer : ECU Engineering Consultant Union

Projects :

- Alexandria Company for pharmaceuticals and chemical industries (Alexandria - Egypt):
  - The storage spreads over area of 600 m2, consists of steel frames spaced at 6.5 m and height of 7 m with a span of 12 m.
  - I participated in Producing detailed structural drawings for this project.
- Pasta Factory for national company for pasta (Alexandria - Egypt):
  - The factory spreads over area of 2000 m2, consists of steel frames spaced at 6 m and height of 11 m with a span of 34 m.

- I participated in Designing using STAAD Pro according to Egyptian code and Producing detailed structural drawings for this project.

- Auto-moto Jubail (KSA):
  - The project spreads on a land area of 5500 m2. The project consists of 3 buildings. Building of them is steel framed with a 20m span. The building consists of 32 steel frames spaced at 5 m with mezzanine covering all project.
  - I participated in Redesigning some building in this project to achieve a targeted weight.
- Nabil Fawzy factories for plastic productions (Alexandria - Egypt):
  - The project consists of 3 buildings:
    - ❖ Building A: The building is framed steel factory with a land area of 2190 m2. The Frame is with a span of 29 m and height 9.5 m. The project consists of 12 steel frames spaced at 7.5 m and carries a crane of capacity 5 tons.
    - ❖ Building B: The building spreads on a land area of 1600 m2. The building consists of 3 floors with height 4.8m for each floor. First floor and second floor are concrete floors. The last floor is steel framed covering.
    - ❖ Building C: The building spreads on a land area of 375 m2. The building consists of 3 floors. First floor is concrete factory with height 8m. Second floor and the last floor are steel framed covering with height 3.9m.
  - I participated in:
    - ❖ 3D Modeling for steel and concrete structures using STAAD Pro and Etabs.
    - ❖ Designing steel structures using Egyptian code.
    - ❖ Designing concrete structures using Egyptian code.
    - ❖ Producing detailed structural drawings.
    - ❖ Designing of isolated foundations.
    - ❖ Submitting calculation sheet for steel works.
    - ❖ Submitting calculation sheet for concrete works.
- Northern Command Military hanger (Alexandria - Egypt):
  - The project spreads on a land area of 2100 m2. The Frame is with a span of 26 m and height 12 m. The project consists of 11 steel frames spaced at 7.2 m and carries a crane of capacity 10 tons.
  - I participated in Producing detailed structural drawings and Designing all connections using Excel sheets for this project.
- El Magd flat meal storage (Alexandria - Egypt):
  - The flat meal storage spreads on area of 2100 m2. The Project consist of two flat storages to store granular material, each of them is with a span of 30 m The flat meal storage spreads on area of 2100 m2. The Project consist of two flat storages to store granular material, each of them is with a span of 30 mand height 17 m. The project consists of 11 steel frames spaced at 7 m rested on concrete columns with retaining walls resisting grains lateral pressure.
  - I participated in Designing and Producing detailed structural drawings of all steel bases for this project.
- I-MAX Cinema (Cairo - Egypt):
  - The project spreads on a land area of 740 m2 with height 15m.
  - I participated in:

- ❖ 3D Modeling for steel roof structures using STAAD Pro.
- ❖ Designing steel roof using Egyptian code.
- ❖ Producing detailed structural drawings.
- ❖ Submitting calculation sheet for steel works.

Job title : Structural Design Engineer

Job Description :

- 3D Modeling for steel and concrete structures using STAAD Pro, ETABS and SAP 2000.
- Designing steel structures using Egyptian code and American Institute of Steel Construction (AISC) code.
- Designing concrete structures using Egyptian code.
- Producing detailed structural drawings.
- Designing of isolated foundations.
- Reviewing model and structural drawings for steel and concrete structures.
- Submitting calculation sheet for steel and concrete works.