

# Amr Fathy Abdelrahman

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## Objective

- **Civil Engineer** with **+5 years** of experience in **structural design, technical Office** and **site supervision** seeking a challenging opportunity in a reputable company where my skills, experience and academic background can be implemented, utilized and professionally developed and take that establishment to advanced level during my position.

## Work Experience:

### ❖ Engineering Construction & Industrial Development Co ( ENDECO)-Riyadh, Kingdom of Saudi Arabia

- **Technical Office | Structural Design Review and Preparation of Detailed Shop Drawings**
- **Project:** Construction of 12 Sports Halls in Riyadh City.
- **Client:** The TBC Development Company.
- **Consultant:** Sama Engineering Consultancy.
- **Project Duration:** 12 months.
- **Scope of Work:**
  - Review of structural design drawings.
  - Preparing structural shop drawings (including coordination, concrete dimensions, and reinforcement details) for the project.
  - Preparing Bill of Quantities (BOQ) for concrete and reinforcement.
  - Coordinating with engineering teams and consultants to ensure high-quality implementation.
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### ❖ TSEC Engineering Consultant Office (Aguste's 2019 – May 2024)- Cairo, Egypt

#### - Structural Design Engineer | Technical office (shop drawing)

- preparing structural shop drawings (coordination, concrete dimensions, reinforcement details) for fences, footings, columns, beams, solid slab, flat slab, ....., doweling work.

## Projects

- City Gate - [Owner: QATARI DIAR]-[Contractor: CCC]-[Fences of 2D Zone-Total Length of 2000m]
- Arkan Palm 205 Acres El Sheikh Zayed - [Owner BADR ELDINE] --[Contractor: CCC]-[TOWERS, SHARED BASEMENT With Area = 40,000 m2]

#### - BOQ

- Preparing BOQ for concrete, reinforcement.

## Projects

- Wadi Al Hada Residential Compound- [Amenities Building]-[KSA].

#### - Site Supervision:

- As a consultant for strengthening works for all type concrete elements (footings, columns, slabs, beams).

- **projects**
- BANHA UNIVERSITY [Bathrooms at the University City - Repairing of ceilings of the laboratories at the Faculty of Science- Constructing a fence for the College of Commerce]
- Hassan Allam Wood Factory (site visiting and software analysis to make assessment for the existing wood factory and prepare a report with recommendation for remedial work).
- Al Sadd bridge in Damietta (site visiting and make site tests such as deflection test), Owner: Ministry of water resources and irrigation.

**- Design:**

- Have the ability to design and prepare analysis models, design drawings and calculation sheets.
- **projects:**
- new applied collage Banha university [6 part and 5 repeated floors] [design solid slab and hollow blocks and beams].
- Safian villa – [redesign of columns and beams, slabs, raft, retaining walls] [KSA].
- Green Egypt factory [preparing of statical system and models, design of footings, columns, ....] [Giza].
- villa in Sherouk city [redesign of footing, columns, ... preparing of calculation sheet].
- Kent college Cairo [lowest compound] [design of footings, retaining walls].

**Several Factories for Howeedy Consultant:**

-spinning factory.

-preparing factory.

-waving factory.

-Beda factory.

• **Several Buildings in Potato factory – east of alowinat:**

[mosque - admin building - clinic-vip building - gates- guard room- boiler building - amenities building -bunker store - driver rest - electrical room - waste building].

**Education**

- Bachelor degree in civil engineering with grade (c+) from pyramids higher institute for engineering and technology (2015-2020)
- Graduation project: Structure Analysis - Grade (A+)

## **Skills**

### **Languages**

- Arabic: native language
- English: very good

### **Software Programs**

- CSI Programs (ETABS, SAFE, SAP200, CSI Columns, sp columns)
- AUTOCAD 2D
- AUTOCAD STRUCTURAL DETAILING 2015 (ASD)
- REVIT STRUCUTRE Fair Knowledge
- MICROSOFT Office Programs (Word, Excel, Power Point,..... )