

Mahmoud Ayman Abd Elhafez

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Profile:-

An experienced civil engineer skilled in design, technical office engineering, site engineering, planning & scheduling. Respect requirements of specifications and codes (Egyptian, American & European Codes). Eager to Learn and Love challenges.

Education:-

Bachelor of Engineering, Civil Engineering, Faculty of Engineering of Shoubra, Benha University, Cairo (Egypt)_(2016).

❖ Grade _ “ Very good “

○ Graduation Project:-

➤ Structure Analysis project - Grade _ “ Excellent “

Experience:-

- Senior Structural Engineer – PENTA Engineering Consultants, Cairo.(Dec. 2020-Present)

❖ Job Description:-

- Reviewing and preparing shop drawings, as built drawings & coordination of bridges, tunnels, buildings, culverts and any type of structure using AutoCAD, Autorebar, ASD & Revit.
- Reviewing and preparing bill of quantities and all technical reports.
- Reviewing design drawings and soil reports of projects.
- Studying and understanding of tenders requirements.
- Coordinating and communicating with contractors.
- Planning and scheduling of projects using Primavera and Excel sheets.

❖ Projects:-

- Tripoli Third Ring Road (Libya) / Roaa Elmadina (KSA) / Ain Shams University (The New Administrative capital) / Sphinx Tunnel / Tunnels, Bridges & Pedestrian Bridges (North Coast Road) / Hasab Allah Elkafrawy_Autostrad Bridge / Ring Road Extension / Naga Elmansory / Elalamein Bridges / Beni Suef Military Air Base / Asphalt Planet / Manflot Corridor (Bridges & Tunnels) / Ras Elhekma Culverts / Shenzo Abi Bridge / Baliana Bridge / Kafr Eldawar Bridges / Tanta_Santa Bridge / Elmahmoudya Bridges / Kafr El Shiekh Bridges / Elbsateen_elgzaaer Bridges / U_Turn Marg Bridge / Cablat_26th July Bridge and others.

• Structural Engineer – Egydrill Misr for Drilling and Contracting, Cairo

(Jan.2020– Dec.2020)

❖ Job Description:-

- Reviewing and preparing shop drawings of bridges & tunnels.
- Reviewing and preparing Bill of quantities for projects.
- Reviewing and preparing all technical Reports and submittals.
- Reviewing and preparing extracts for contractors.
- Planning and scheduling of projects using Primavera and Excel programs.
- preparing as-built drawings for projects.

❖ Projects:

- 10th Ramadan of Ramadan Bridge (Cairo-Ismailia Road) / Makram-El Nahas Bridge and others.

• Structural Engineer – Nile Engineering Consulting Bureau, Cairo (September 2018 –

Jan. 2020) .

❖ Job Description:-

- Preparing shop drawings of bridges, tunnels & culverts using AutoCAD, Autorebar.
- Reviewing as built drawings recieved from contractors.
- Reviewing and preparing Bill of Quantities for Projects.
- Reviewing and preparing all technical reports and submittals.
- Planning and scheduling of projects using Primavera and Excel programs.
- Reviewing and preparing as-built drawings for projects.

❖ Projects:

- Abo Quir Corridor / Qous Corridor / Tamalay-Shebin Elkoum Corridor / Elmasaken Helwan Bridge / Samalot Corridor (Bridges, Tunnels & Roads) and others.

• Structural Engineer – RTC Consulting Office, Cairo (July 2016– Sep. 2018)

❖ Job Description:-

- Preparing design drawings using AutoCAD, SAP, SAFE, ETABS & TEKLA.
- Preparing shop drawings of buildings using AutoCAD.
- Working as consulting site engineer & preparing as built drawings.

❖ Projects:

- Asmarat Project / Vodafone Network towers / Roxy Garage and others.

Training:-

- Nile Engineering Consulting Bureau (Sep. 2015– Oct.2015)
 - Quality control (Road & Bridges) – Site Engineer.
- Soliman Consulting Office (Sep. 2015– Oct.2015)
 - Modelling & design of buildings, villas & bridges using AutoCAD, SAFE, ETABS & SAP.
- Cairo Oil Refining Company (July 2014_ Aug.2014)
 - General training of Civil Engineering.
- The Arab Contractors (July 2013_ Aug.2013)
 - Site Engineer at Orabi bridge renewal.

Technical programs:-

- ❖ AutoCAD / Autorebar / ASD / ArmaCAD / Revit / Primavera / SAP / SAFE / ETABS / TEKLA
- ❖ Operating System: Excellent Knowledge of Word, Excel and PowerPoint.

Personal Details:-

- Languages:- Arabic (Native) / English (Very Good).
- ❖ Address:- Nasr City, Cairo (Egypt).
- ❖ Military Service- Completed.
- ❖ Date of Birth- 11/08/1993.