

Sanitary & Environmental Engineer (Design Engineer)

Holds B. Sc. in Civil Engineering and M. Sc. in Sanitary & Environmental Engineering. Has over 6 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/09/1988
Gender : Female
Residence : New Maadi, Cairo

EDUCATION

: B. Sc. in Civil Engineering, Cairo University, 2011
: M. Sc. in Sanitary & Environmental Engineering, Cairo University, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: WaterCAD
: SewerCAD
: Pipe to Cad

TRAINING COURSES AND CERTIFICATIONS

: Environmental Engineering Professional Program (ESS), AUC (from Sep. 2018 till now):

- (EIA) Environmental Impact Assessment.
- (SWM) Solid Waste Management.
- Project Management International Standards.

: Summer 2008 & 2009 Training in (ACE) Consulting Engineers Moharram Bakhoum, participate in:

- Design of Reinforced Concrete and Steel works.
- Design of Fireworks and Sewage Network.
- AUTOCAD & Sap applications.
- Site works.

: Introduction to Civil 3D.

: Introduction to Photoshop.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2016 till 2018
Employer : CEEE (Civil & Environmental Engineering Experts) (Dr. Khaled Zaher)
Job title : Sanitary & Environmental Engineer (Design Engineer)
Job Description :

- Design Review of sewage network and Force main (Check the Water Hammer) for El-Nawamees, Etmaneya and El-Nawawra Villages in Assiut.
- Design Review of sewage network and Force main for Zohra, Loqin and Morgan Villages in El Behira governorate, Egypt.
- Design Review of sewage networks and Force main (Check the Water Hammer) for of Nekhel and El-Hassana Villages in Sinai governorate, Egypt.
- Design of sewage network for Arab El-Helwala in El-Qanater, Egypt.
- Design of sewage network and Force main for El-Nouras Village in Port Said governorate, Egypt.
- Design of sewage network and Force main for El-Diba Village in Port Said governorate, Egypt.
- Design of Water network and Ground Reservoir for Be`r El-Abd villages in Sinai governorate, Egypt.
- Design Review of sewage networks, Force main (Check the Water Hammer) and Wastewater treatment plant for of El-Sharkia governorate for Water and Wastewater Company of El-Sharkia governorate, Egypt.
- Preparation of the preliminary report for El-Bakarsha (San Alhagar) Water treatment plant.
- Review the design of stabilization ponds of Nikhel and Alhassana, Sinai governorate, Egypt.

Dates : From 2013 till 2016
Employer : Civil Engineering Sanitary and Environmental Engineering Research Institute in Housing and Building National Research Center (HBRC)
Job title : Civil Engineer
Job Description :

- Performing water and wastewater analysis.
- Revising the design of some water and wastewater networks.
- Assist in the preparation of Egyptian Codes for water and wastewater engineering.

Publication:

Khaled Zaher, Abdelsalam Elawwad, Rana Nadeem, Wastewater Treatment by Electrocoagulation: A comparative study using different anode materials, Proceedings of the 4th World Congress on Civil, Structural and Environmental Engineering (CSEE'19), Italy (2019).