

Holds a B. Sc. in Mechanical Power Engineering and has about 36 years experience working in mainly in design, technical office, contracts and tendering.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/10/1962
Gender : Male
Residence : New Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 1988

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Microstation
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Licensed Auditor for Carbon Footprint Calculations from National Quality Institute (Sep. 2023).
- : Professional Diploma in carbon footprint and greenhouse gases emissions. The Diploma is accredited by Cairo University and National Quality Institute (Jun. 2023).
- : 96 hours on Calculation of Carbon Footprint at Cairo University.
- : PMP Preparation Course.
- : RO Systems Design - levels 1, 2 & 3.
- : 4 months on Power Generating Plants Design at Ebasco Consultancy Company (USA).
- : 4 weeks on Industrial Boilers Design at Babcock & Wilcox Company (USA).
- : 4 weeks on Utility Boilers Design at Babcock & Wilcox Company (Canada).
- : 1 week on Boiler Performance Analysis at Babcock & Wilcox Company (USA).
- : 2 weeks on Electrical Equipment Design at ABB Company (Germany).

- : 4 weeks on Design of Critical Piping at Mecanica De La Pena Company (Spain).
- : 6 weeks on Power Station Systems at Shoubra El-Kheima Training Center.
- : 2 weeks on Negotiation Skills at Training Center of Electricity Sector.
- : 60 hours on AutoCAD at TRANI CAD Center – Cairo.
- : 160 hours on MicroStation Futech, Bentley Agent in Cairo.
- : 2 weeks on FIDIC Condition for Projects Contracts at Engineering Syndicate.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2017 till now
- Employer** : Giza Systems Electromechanical (GSEC) - a subsidiary company to Giza Systems as an electromechanical arm for water & wastewater projects as well as MEP projects
- Job Description** :
- Water Sector Director (from Jan. 2022 till now): Managing the water sector in all aspects.
 - Techo-Commercial Director (Jan. 2021 – Jan. 2022):
 - Managing tendering, sales and business development teams of both water and MEP business lines.
 - Provide the necessary support to proposal & engineering departments of both water and MEP business lines during pre and post award phases.
 - Provide commercial and technical support to the operation teams of both water and MEP business lines.
 - Technical Director (Mar. 2017 – Jan. 2021):
 - Managing proposal & engineering departments of both water and MEP business lines during pre and post award phases.
 - Provide commercial and technical support to sales & operation teams of both water and MEP business lines.

- Dates** : From Oct. 2015 till Mar. 2017
- Employer** : BAMAG MENA - a leading German company in the field of Water and Wastewater Treatment
- Job title** : Tendering Manager
- Job Description** :
- Managing tendering / proposal teams in the technical and commercial issues of the tendering works.
 - Providing technical support to the engineering and design teams during tendering and execution phases of the company projects.

- Dates** : From Jul. 2013 till Sep. 2015
- Employer** : Giza Systems Electromechanical (GSEC) - a subsidiary company to Giza Systems as an electromechanical arm for water & wastewater projects as well as MEP projects
- Job title** : Technical Office Manager
- Job Description** :
- Managed the technical office team for water and wastewater projects and MEP projects including mainly the following projects:
- Kalzam Wastewater Treatment Plant 20,000 m3/d.
 - Abu El-Matameer Wastewater Treatment Plant 14,000 m3/d.

- Mahala Wastewater Treatment Plant 80,000 m3/d.
- Mahala Industrial Wastewater Treatment Plant 40,000 m3/d.
- Al-Thumamah BWRO 5000 m3/d (KSA).
- Najran Pumping Stations / Network (KSA).
- Dawadmi / Afif Pumping Stations (KSA).

Dates : From Sep. 2012 till Jun. 2013
Employer : Kharafi National
Job title : Engineering Manager for Water and Wastewater Projects
Job Description : Managed the engineering team for wastewater projects/tenders including mainly the following:

- Sulaibiya Wastewater Treatment and Reclamation Plant implemented as PPP project with a capacity of 375000 m3/d and expandable to 600000 m3/d (Kuwait).
- Umm El-Hayman Wastewater Treatment Tender 400,000 m3/d (Kuwait).

Dates : From Jan. 2010 till Aug. 2012
Employer : Metito Water Treatment (MWT) in Cairo - a leading company in the field of Water and Wastewater Treatment
Job title : Engineering Manager
Job Description : Managed the design engineers for the engineering works of the following projects:

- 6th of October Surface Water Treatment Plant 400,000 m3/d.
- Embaba Surface Water Treatment Project 200,000 m3/d.
- El-Fostat Surface Water Treatment Project 200,000 m3/d.
- Some other surface water treatment plants and many wastewater treatment plants with different capacities.

Dates : From Apr. 2009 till Dec. 2009
Employer : BAMAG for water and wastewater treatment in Cairo Office - a leading German company in the field of Water and Wastewater Treatment
Job title : Deputy Head of Engineering
Job Description : Assisted the Head of Engineering in managing the design engineers for the engineering works of the following projects:

- El-Marg Surface Water Treatment Plant, 2 phases each of 300,000 m3/d.
- El Shohada Surface Water Treatment Plant, 86,000 m3/d.
- Tala Surface Water Treatment Plant, 86,000 m3/d.
- Menia Elkamh Surface Water Treatment Plant 86,000 m3/d.
- Mahmoudeya Surface Water Treatment Plant 69,000 m3/d.
- Berket Elsabaa Surface Water Treatment Plant 100,000 m3/d.
- Desouk Surface Water Treatment Plant 86,000 m3/d.
- Meet Ghamr Surface Water Treatment Plant 112,000 m3/d.
- Mashtool Elsouk Surface Water Treatment Plant 69,000 m3/d.

Dates : From Oct. 2008 till Mar. 2009
Employer : Hyder Consulting in Al-Ain (Abu Dhabi)
Job title : Project Manager (Plant & Process)

Job Description : Acted as a Mechanical Design Manager for the design works of the following pumping stations:

- Al Hamah Pumping Station in Al Ain, UAE.
- Intermediate Pumping Station in Al Ain, UAE.
- Rehabilitation of 32 old pumping stations in Al Ain, UAE.

Dates : From Nov. 2007 till Oct. 2008

Employer : Metito Water Treatment (MWT) in Cairo

Job title : Team Leader, then upgraded to the position of Engineering Manager

Job Description : Managed a team of design engineers responsible for the engineering issues for the company projects including mainly the following projects:

- Kafr El-Khadra Wastewater Treatment, 12,000 m3/d.
- Zawet Razeen Wastewater Treatment Project 20,000 m3/d.
- Qewisna Wastewater Treatment Project 20,000 m3/d.
- Al-Tall Alkabeer Wastewater Treatment Project 20,000 m3/d.

Dates : From Sep. 2006 till Nov. 2007

Employer : Veolia Water Systems Egypt (VWSE) - a leading company in the field of Water and Wastewater Treatment

Job title : Engineering Sector Head

Job Description : Acted as a Team Leader for the design issues for the company projects including mainly the following projects:

- STP at AGIBA Petroleum Company Field.
- Oil Separator Plants at Cairo Airport.
- STP at Algerian Cement Site.
- STP with Orascom in Nigeria.
- STP at Fujairah (UAE).

Dates : From May 2004 till Jul. 2006

Employer : Metito Overseas LTD (MOL) in Sharjah, UAE

Job title : Sr. Mechanical Design Engineer

Job Description :

- Participated in all tasks related to Mechanical Design Works of water / wastewater treatment projects including mainly the following tasks:
 - Plant Layout.
 - Equipment Arrangement.
 - Civil Outline drawings.
 - Mechanical Equipment Sizing.
 - Piping Sizing and Material Selection.
 - Flow and P&I Diagrams.
 - Piping General Arrangement.
 - Spool Pipes Fabrication Details.
 - Pipe Supports Details.
 - Piping MTO's.
- I have done the above tasks for the following Wastewater Treatment Plants:
 - AGIP KCO (Kazakhstan).
 - Qalamoun University (Syria).
 - Al Merial Camp (Dubai, UAE).
 - PALM Jumairah (Dubai, UAE).

- Farabi (KSA).

Dates : From Oct. 2002 till May 2004
Employer : Power Generation Engineering & Service Company (PGESCO)
Job Description : • Oct. 2003 – May 2004: I joined Plant Design Department as a Sr. Plant Design Engineer:
 I participated in plant design works for Nubaria Power Plant 2x325MW. Work included the following:

- Plant Layout.
- General Arrangement.
- Piping Arrangement.

• Oct. 2002 – Oct. 2003; I joined Procurement Department as a Contracts / Purchasing Agent:
 I participated in performing all tasks related to formation and administration of contracts including the following:

- Preparing Tender Documents for various packages of the projects including addenda and responses to tenderers' questions.
- Evaluation of tenders and issuing evaluation reports.
- Coordinating pre-contractual, clarification and negotiation meetings with various contractors.
- Interfacing with client (EEHC) to review and obtain approval of all procedures and documents issued by PGESCO.

Dates : From Mar. 1999 till Sep. 2002
Employer : USF Permutit - a leading company in the field of Water and Wastewater Treatment
Job title : Design Section Head for Mechanical Works
Job Description : • Participated in all tasks related to Mechanical Design Works of water / wastewater treatment projects including, Plant Layout, Equipment Arrangement, Civil Outline drawings, Mechanical Equipment Sizing, Piping Sizing, Piping Material Selection, Flow and P&I Diagrams, Piping General Arrangement, Isometrics and Bill of Materials, Spool Pipes Fabrication Details, and Fabrication Details for Steel Works.

- I have done the above tasks for the following Projects:
 - Sewage Treatment Plants:
 - ❖ Sahl Hasheesh Resort.
 - ❖ El-Fayoum Police Institute.
 - ❖ European Egyptian Pharma Factory.
 - ❖ Coral Beach Hotel (Hurghada).
 - ❖ Desert Rose Hotel.
 - ❖ Sole Elite Hotel.
 - ❖ Suez Cement Factory.
 - ❖ Mirage City Resort.
 - ❖ Fantasia Onas Hotel.
 - ❖ Ras Bakr Oil Station.
 - ❖ Gold Moher Hotel (Yemen).
 - Industrial Water Treatment Plants:
 - ❖ Idial Standard Factory.
 - ❖ Haydilena Medical Factory.
 - ❖ Al Azzhar University Hospital.
 - Industrial Waste Water Treatment Plants:

- ❖ Galva Metal Factory.
- ❖ Bisco Mesr (Cairo factory).
- ❖ Bisco Misr (Seyouf factory).
- RO Desalination Plants:
 - ❖ Al-Menia RO 4x2500 m3/day.
 - ❖ Moubarak TV Studio (Filtration Plant).
 - ❖ Moon Land Hotel.
 - ❖ Four Seasons Hotel.
 - ❖ Lacianda Hotel.
 - ❖ Forty Grand Hotel and Galva Metal Factory.

Dates : From Aug. 1989 till Feb. 1999

Employer : Egyptian Electricity Holding Company (EEHC), Projects Department

Job title : Contracting Engineer

Job Description :

- In co-operation with international consultants, I participated in:
 - Preparation of Tender Documents for various packages of the projects including addenda and responses to tenderers' questions.
 - Evaluation of tenders and issuing recommendations for award.
 - Managing pre-tender, negotiation meetings with various contractors.
 - Pre-contract negotiation for both commercial and technical issues.
 - Preparation of contract documents.
 - Following up contractors' activities during construction phase.
 - Monitoring project cost and time schedules.
- I have done the above tasks for the following Power Generation Projects:
 - Cairo West 2x320MW.
 - Al Arish 2x30MW.
 - El-Kureimat 2x600MW.
 - Sidi Krir 2x320MW.
 - Ayoun Moussa 2x320MW.

Dates : From 1988 till 1989

Project : Cairo North Power Station

Job title : Operation Engineer