

Holds a B. Sc. in Mechanical Engineering and a Diploma of higher studies in machine design. Has about 34 years of experience in design, construction, supervision and research associated with water and waste water treatment systems. His design work in Veolia, Vivendi, Intech and Metito companies on several Treatment Plants and pump stations has enabled him to combine both detailed design, supervision of design ability, implementation of construction, complying PASS 55 and the successful of management the all water sector as an Asset Management Expert.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/05/1963
Gender : Male

EDUCATION

: B. Sc. in Mechanical Engineering, Helwan University, 1986
: Diploma of higher studies in machine design, Cairo University, 1991
: Received certificate in Mini MBA in Management Certified approved from HRCI, 2008-2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Received certificate in professional program in environmental engineering, The American University in Cairo, 1996-1999.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2012 till now
Employer : Holding Company for potable water and waste water
Job title : Asset Technical Management General Director
Job Description : Managing and review the documentation of water and sewage treatment plants work such as:

- Conduct asset condition assessment.

- Issue asset rehab. and Maintenance plan.
- Review all Failure root analysis.

Dates : From Jan. 2008 till May 2012
Employer : Veolia Water Egypt
Job title : Engineering Dept. Manager
Job Description : Managing and review the documentation of water, wastewater and sewage treatment plants work such as:

- Supervision for detailed design.
- Technical support for O&M manuals.
- Technical control of proposal & process.

Dates : From Feb. 2007 till Jan. 2008
Employer : Intech Co.
Job title : Head of Design Dept. for Hybrid systems
Job Description : Managing and review the documentation of sewage treatment plants work such as:

- Supervision for constructions.
- Technical support for sales division.
- Technical control of process KPI.

Dates : From May 2004 till Feb. 2007
Employer : Metito Egypt
Job title : Design Team Leader
Job Description :

- Review and check piping calculation.
- Check mechanical equipment selection.
- Check mechanical drawing.
- Review technical specification.
- Review plants calculation.
- Check the final design work on site.
- Review the basic civil drawing for treatment plants.

Dates : From Nov. 2003 till May 2004
Employer : AAW Consultant Dr. Ahmed Abdul Wareth
Job title : Supervisor Mechanical Engineer
Job Description : Design, review and supervision of water work and mechanical systems.

Dates : From Nov. 2002 till Nov. 2003
Employer : Arab Contractors Company - Dept. of consulting engineering & technical electro-mechanical services
Job title : Supervisor Mechanical Engineer
Job Description : Design, review and supervision of water work and mechanical systems.

Dates : From Mar. 1999 till Nov. 2002
Employer : Vevindi Water Egypt
Job title : Design Dept. Manager

Job Description : Managing and review the documentation of water, wastewater and sewage treatment plants work such as:

- Supervision for detailed design.
- Technical support for start-up and commotion.
- Technical review for maintenance quality.

Dates : From Mar. 1996 till Mar. 1999

Employer : USF Permutit Egypt

Job title : Design Section Head

Job Description :

- Review and check piping calculation.
- Check mechanical equipment selection.
- Check mechanical drawing.
- Review technical specification.
- Review plants calculation.
- Check the final design work on site.
- Review the basic civil drawing for treatment plants.

Dates : From Aug. 1990 till Mar. 1996

Employer : Air Factory, Arab Organization for Industrialization (AOI)

Job title : Senior Engineer in design sector

Job Description : Design work for water and wastewater treatment plant field such as:

- Piping calculation and P&I diagram.
- Mechanical equipment selection.
- Prepare preventive maintenance plan.

Dates : From Apr. 1989 till Aug. 1990

Employer : Ministry of Public Work and Water Resources (PWWR)

Job title : Project Engineer in the project sector of the mechanical & electrical dept.

Job Description :

- Technical studies of tenders.
- Supervising the execution of water pump stations.

Projects:

- Sewage Treatment Plants:
Design, Review and Manage the following:
 - 3 plants 40000 m³ / day.
 - 3 plants 20000 m³ / day.
 - 4 plants 8000 m³ / day.
 - 2 plants 7000 m³ / day.
 - 3 plants 6000 m³ / day.
 - 5 plants 4000 m³ / day.
 - 10 plants 1000 m³ / day.
 - 15 plants 400 m³ / day.
 - 40 plants 100-300 m³ / day.
 - Using Activated sludge, MBBR, RBC and Oxidation ditch technology.
- Water Treatment Plants in Power Station:
Design, Review and Manage the following:
 - 5 projects using Surface water.

- 3 Projects using Sea water.
- Industrial Water Treatment Plants:
Design, Review and Manage the following:
 - 10 plants 10-20 m³ / day.
 - 25 plants 20-100 m³ / day.
- Demin Water Treatment Plants:
Design, Review and manage the following:
 - 6 plants 30 – 400 m³ / hr.
- Industrial Waste Treatment Plants:
Design, Review and manage the following:
 - 1 plant 6000 m³ / day textile industry.
 - 3 plants 300-600 m³ / day food industry.
 - 3 plants 100 m³ / day food industry.
 - 2 plants 50-200 m³ / day painting industry
 - 1 plant 50 m³ / day oil industry.
- RO Treatment Plants:
Design, Review and manage the following:
 - 2 plants 12000 m³ / day four phases.
 - 2 plants 10000 m³ / day two phases.
 - 1 plant 8000 m³ / day four phases.
 - 1 plant 4000 m³ / day two phases.
 - 2 plant 2000 m³ / day four phases.
 - 6 plants 1500 m³ / day three phases.
- Water Treatment Plants:
Design, Review and manage the following:
 - 1 plant 4000 lit/sec four phases.
 - 5 plants 800 lit/sec
 - 4 plants 400 lit/sec.
 - 7 plants 100-400 lit/sec.
 - 1 plant 200,000 m³ / day two phases.
 - 1 plant 50,000 m³ / day two phases.
- Water Pump Stations:
Design, Review and manage the following:
 - 2 plants 1400 lit/sec four phases.
 - 3 plants 1000 lit/sec.
 - 4 plants 800 lit/sec.
 - 3 plants 400 lit/sec.
 - 1 plant 300 lit/sec two phases.
 - 1 plant 150 lit/sec two phases.
- Sewage Pump Stations:
Design, Review and manage the following:
 - 2 plants 12000 lit/sec four phases.
 - 3 plants 3000 lit/sec
 - 4 plants 2000 lit/sec.
 - 7 plants 1000-1500 lit/sec.
 - 20 plants 500-1000 lit/sec.
 - 10 plants 100-500 lit/sec.
 - 34 plants 50-100 lit/sec.
 - 42 plants 10-50 lit/sec.