

Holds a B. Sc. in Chemistry and has over 12 years of extensive experience in the operation, maintenance, design & modeling analysis of water and wastewater related treatment plants (particularly in the Middle East region). The technical support and field experience acquired from the work with the major Contracting companies in Egypt & Gulf Area encompasses the whole range of OM and cost estimation activities including treatment systems for water & wastewater.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/01/1981
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Chemistry, El-Minia University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Summer training at Portland White Cement Factory (Samalout Formation) (2001).
- : Summer training at Nile Water Treatment Plant (Matai Plant) (2002).
- : Waste water plant in REEF OASIS Hotels & Resorts (Sharm El-Sheikh) (3 months).
- : RO treatment plant in Ridgewood Co. (Hurghada) (1 month).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Employer : Mowah Co. (KSA, Riyadh)
Job title : Senior Chemical Engineer

Job Description :

- Quantity survey for the whole items located through the detailed design / tender documents / shop drawings packages of any W or WWT plant.
- Cost estimation for the whole items located through the detailed design / tender documents / shop drawings packages of any W or WWT plant.
- Data collection for any pre-tender in the water/wastewater fields.
- Materials selection for the required items through the water/wastewater treatment plant.
- Negotiation / Quotation Request for the required items through each of tender and construction stages.
- Follow up the design of required treatment processes for the water / wastewater / desalination plants.
- Technical support for the existing RO plants and all its components.
- Start-up and commissioning for the W / WW / desalination treatment plants.

Dates : From Aug. 2013 till Jan. 2016

Employer : Iman Co. (KSA, Riyadh, Kharj)

Project : Military Industries

Job title : RO Plant Supervisor

Job Description :

- I was working as a supervisor of reverse osmosis desalination plant of military industries factories to produce quality of water matching standard specification reporting to operation and maintenance managers.
- Responsible for water desalination plant using Reverse Osmosis system (Supervision, Service, Planning).
- Responsible of tank farm system (Water tanks, Sulfuric acid tank, Anti scale tanks.....).
- Responsible for Quality assurance for final product water (TDS, PH...).
- Following up the chemical analysis for raw water and product water.
- Following up the Chemical Cleaning for RO units.
- Responsible for planned maintenance (Sand filters and carbon filters, Backwash, filter media change, chemical preparation....) according to RO parameters.
- Background of design water treatment plant (RO system).

Dates : From Jul. 2008 till Jul. 2013

Employer : Ultra Extract Co. (Al Fayoum Area)

Job title : Plant Manager

Job Description :

- I was gradually position started with Production Engineer to reach a Plant Manager position.
- I was working as a Plant Manager of industrial waste water treatment plant (capacity 2000 m3 per day) reporting to Operation Manager.
- I was responsible for Quality Management and production of treated water with standard specification according to law 93/1962 and revised by Ministerial Decision 44/2000.
- Following up the different analysis for inlet water, outlet water and experimental tests.
- Following up the consumption rate of chemicals in the process of industrial waste water treatment.
- Following up the preventive, planned and emergency maintenance with technicians & supervisors.

- Responsible for applying of HSE procedures in the plant units and all people inside the field.
- Supervision of removing sludge from different tanks regularly.

Dates : From Jun. 2007 till Jun. 2008
Project : Al Doraq Water Bottling Plant, Al-Madina Al-Munawara, KSA
Job title : Production Engineer
Job Description :

- Working as a Production Engineer of bottling drinking water reporting to Plant Manager.
- Responsible for water desalination plant using Reverse Osmosis system (Operation, Service, Planning).
- Responsible of tank farm system (Raw water receive, product water store, disinfection of RW tanks.....).
- Responsible for Quality Control for final product water (TDS, PH...).
- Following up the chemical analysis and microbiology analysis of raw water and product water.
- Responsible for planned maintenance (Sand filters and carbon filters, Backwash, filter media change, chemical preparation....) according to RO parameters.
- Background of design water treatment plant (RO system).

Dates : From Dec. 2004 till Jun. 2007
Employer : Universal Co. for Cellulose Products (EGYCEL), 6th October City, Egypt
Job title : Process Engineer
Job Description :

- Working as a Process Engineer of carboxymethylcellulose plant (CMC), trained by the German experts of Josef Meissner GmbH & Co. whom responsible for Engineering and commissioning.
- Responsible for continuous follow up for all the production department of the plant, Including the processing (Reaction unit, Washing unit, MCA preparation, drying, Recycling ethanol by Distillation, Grinding and screening unit, Storage, Blending, Weighing and Packing unit).
- Follow up the lab analysis to achieve the best result in the different processes.
- Usage of Windows control, PLC (Siemens S7-400).
- Specialized in running distillation of ethanol to produce 70% and 90% concentration for different shifts.
- Preparing of mass and heat balance programs.
- Follow up performance of exist reactors & heat exchangers & evaporators & filters and utilities.