

Holds a B. Sc. in Chemistry & Physics and has over 15 years experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/02/1983
Gender : Male
Marital Status : Single
Residence : El-Behira

EDUCATION

: B. Sc. in Chemistry & Physics, Alexandria University, 2005
: Preliminary Master Degree in Renewable Energy Completion (Jan. 2018 – Jan. 2020)

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Analytical Chemistry Applications Diploma (2008-2009), including: Environmental pollution and water treatment, training course about water treatment in Abu Qir Fertilizers Company - Thermal analysis - Spectroscopic analytical methods - Environmental analytical chemistry, water analysis, air analysis, soil analysis - Separation technique - Practical analytical chemistry – Chemometrics - Electrochemistry analytical methods - Searching document in corrosion principles and protection - Selected topics in analytical chemistry - Inorganic industries (glass & ceramic industries).
: Petrochemical industry course (2008-2009), including: Natural gas processing - PVC production plants processing.
: English: General IELTS with total band score 5.5.
: Multiple-Effect Distillation with Thermal Vapor Compression (MED-TVC) Operation & Troubleshooting, Aquatech International Corporation Company, Canonsburg, USA.

- : An Educational Program for Specifying, Selecting, Operating and Troubleshooting Vacuum Systems, Graham Corporation Company in Batavia, New York, USA.
- : Desalination Systems in Power Generation Plants, WDEPC Training Center.
- : Water and Waste water Treatment in Power Generation Plants, WDEPC Training Center.
- : Transformers Oils efficiency, chemical properties and testing, WDEPC Training Center.
- : Rotary Equipment Operation, Selection and Control, Oil & Gas Skills.
- : Automation Control for Process Engineer, Oil & Gas Skills.
- : OSHA 29CFR 1910 General Industry Regulations, Certified JAN. 2015.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2010 till now
- Employer** : West Delta Electricity Production Company
- Projects** :
 - Burullus Combined Power Plant 4800MW (from 2019 till now)
 - New Abu Qir Thermal Power Plant 2x650MW (from 2010 till 2019)
- Job title** : Power Station Chemist - Operator Chemist Shift Chief - Chemist labs (water, oil and environmental labs), Sector: Water & Waste Water Treatment Plants Operation - MED-TVC & RO Seawater Desalination Plants Operation
- Job Description** :
 - Operate Water & Waste Water Treatment Systems, including:
 - Water purification system, Ultrafiltration and Pre-Treatment.
 - Demineralization Systems includes Resin Ion Exchange and Electrodeionization CEDI.
 - Sodium Hypochlorite Generation System produce 2500 ppm Concentrated NaOCL and its Periodically Acid Cleaning.
 - Waste Water Treatment System.
 - Sewage Treatment System.
 - High Pressure Boiler:
 - ❖ Boiler Water Treatment (AVT) for thermal power station.
 - ❖ Heat Recovery Steam Generator HRSG water treatment AVT & OT for combined cycle power plant.
 - ❖ Condensate Polishing System.
 - MED-TVC and RO Desalination Plants.
 - Provide Technical Support and Define the Operation Troubleshooting.
 - Lab Chemist Analyst (Chemical Technologist) - Conduct chemical experiments, tests and analysis including:
 - RO and CEDI product water monitoring analysis.
 - All Steam Cycle Analysis.
 - Fuel Analysis.
 - Lubricant and Hydraulic Oil Analysis.
 - Closed Cooling Water Circuit Analysis.
 - Cooling Tower Analysis.
 - Waste Water Analysis.
 - Operate laboratory equipment and apparatus and prepare solutions of liquids, reagents and sample formulations.
 - Conduct water qualities testing and assessments.

Dates : From May 2006 till May 2010
Employer : Pharoaneya Pharmaceutical Company, Borg El-Arab - Alexandria
Job Description : Operate systems of Preparation of Syrups, Drops and Creams
Pharmaceuticals in Production sector.