

Holds a B. Sc. in Chemistry and has over 8 years hands-on experience in Power Stations working as Commissioning and Start-up Chemist with experience in chemical cleaning and passivation and start-up the power stations.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Chemistry, Alexandria University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Quality Assurance course in productivity and Quality Institute.
- : Hi-Tech laboratory instrumentation by TERMOKIMIK CORPORATION.
- : ELECTROCHLORINATION operation training by TERMOKIMIK and DENORA.
- : IN-SITE OPERATION TRAINING by TERMOKIMIK.
- : PUMPS Operation, Selection, troubleshooting and Maintenance by OIL & GAS Skills.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till now
Employer : ORASCOM
Project : NEW WEST DAMIETTA COMBINED CYCLE POWER PLANT
Job title : Commissioning & Start-up Chemist
Job Description :

- Commissioning for UF, RO and Demineralization system (METITO).
- Chemical cleaning for HRSGs (SAKNAFTA CO.).

- Making final passivation for 4 HRSGs.
- Operate the chemical feed system.
- Commissioning and start-up the four HRSCs for steam blow.
- Hot cleaning the Air Cooling Condensate system.
- Operation for steam and water analysis system provided by SWAN Company.

Dates : From Sep. 2011 till Feb. 2018
Employer : West Delta Electricity Production Company (WDEPC)
Project : New Abu Qir Power Plant 2x650MW, ALEX
Job title : Operation Chemist
Job Description : Work in a team responsible for:

- Commissioning and start-up for MED VC distillation plant (AQUA TECH), Demineralization plant, waste water treatment plant, Sewage Treatment plant, boiler chemical feed system, electro-chlorination system and condensate polisher system (TERMOKIMIK) in New ABU QIR Power Station.
- Maintenance and operation of these plants.
- Prepare all chemicals used in site.
- Chemical cleaning for Boiler, air heater and High Pressure Heater and treated Waste Water to discharge to the sea.
- Start-up and maintenance of the pH, conductivity, dissolved oxygen, silica and sodium and any online analyzer in site.
- Monitor the CEMs.
- Operation for the Fuel treatment system in the station.

Dates : From Dec. 2009 till Aug. 2011
Employer : METITO OVERSEAS LIMITED for water treatment
Projects : EL-TEBBIN Thermal Power Plant / CAIRO WEST Thermal Power Plant
Job title : Commissioning/Start-up/Operation Chemist
Job Description :

- Making start-up and commissioning for the demineralization plant in EL-TEBBIN 2x350MW and CAIRO WEST Thermal Power Stations and operate this plant and also operate the condensate polisher for EL-TEBBIN Station.
- The operations of the plant include service and regeneration for the resin in the plants and making lab test to avoid the fouling and any other problems and also:
 - Directed the client chemists in performing all tests required supporting the operation of the plant in addition the lab personal on adjusting the different dosing to meet the plant chemistry requirements.
 - Operating for reliability tests and performance for pre-treatment, Demineralized, RO, Waste Oily and Waste water systems and it's dosing of chemicals and makes required analysis to adjust quality.
 - Writing and checking the operation procedures and log sheets for all water treatment systems.
 - Operation of sodium hypochlorite dosing system.
 - Give the owner on-site training for all the system.

- Field of experience :**
- Knowledge of water or waste water treatment processes.
 - Knowledge of new treatment technologies as they are developed, such as RO, UF, UV disinfection, and new chemicals used within the industry.
 - An understanding of how water and waste water treatment equipment operates, including how pumps work.
 - Knowledge of laboratory techniques and procedures of water and waste water treatment.
 - Making chemical cleaning for power station boilers, air heaters, desalination plants and hypochlorite plants.
 - Knowledge of drinking water standards and regulations.
 - The ability to operate and maintain computerized analytical programs and equipment.
 - Can follow up the construction of the water and waste water treatment plant and coordinate with the other engineers.