

Holds a B. Sc. in Chemistry and has over 20 years hands-on experience in operation of several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/01/1966
Marital Status : Married

EDUCATION

: B. Sc. in Chemistry, Alexandria University, 1990

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : The operation of chemical processing unit (computer scada system and controllers), Nubaria Power Station.
- : Management training in UAE by METITO Company, Jan./Feb. 2005.
- : Bechtel course in Shoubra El-Kheima Power Station, Apr. till Oct. 1993.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2011 till now
Project : Nubaria Power Plant (3x750MW)
Job title : Manager of Chemistry Dept.
Job Description :

- Operate all water treatment plants through SCADA system (pre-treatment, waste water treatment, sewage, R.O., oil separator, demi plant).
- Working in central lab. of Nubaria Power Station which concerns with analyze all samples from any part of the power plant.

Dates : From Sep. 2010 till Dec. 2010
Employer : EGYPTROL

- Project** : Sidi Krir Combined Cycle Power Plant (750MW, 2x2x1)
Job title : Chemistry Subcontractor for NEM
- Dates** : From May 2004 till Aug. 2010
Project : Nubaria Power Plant (3x750MW)
Job title : Manager of Chemistry Dept.
Job Description :
 - Operate all water treatment plants through SCADA system (pre-treatment, waste water treatment, sewage, R.O., oil separator, demi plant).
 - Working in central lab. of Nubaria Power Station which concerns with analyze all samples from any part of the power plant.
- Dates** : From Oct. 1990 till May 2004
Project : Damanhour Power Station (325MW, 3x65MW)
Job title : Operation Chemist
- Field of experience** : Experience in preparation of site activity planning, leading the construction team till successful start-up and hand over to the client construction safety practices, material take off, man power/equipment requirement, understanding of P&ID drawing coordinate with QA/QC and pipe line installation, commissioning and start-up of Gas Turbine & Steam Turbine, under & above ground piping, pumps and valves.
- Further experience** : Operator for SCADA of the following instruments:
 - PH, conductivity, turbidimeter and dissolved oxygen instruments.
 - Working in chemical cleaning, steam blow out.
 - Good background in analyzing oils presence in transformers and turbines.
 - Spectrophotometer 6400 Jenway instruments which measure absorbance, concentration, transmission at different wave lengths.
 - Analyzing all samples in chemical treatment (Ion exchanger to remove all hardness salts from filtered water to produce demi water to use in thermal cycle). Analyzing all samples in steam cycle for all units (in feed water, condensate water, boiler, saturated steam, super heated steam, hot reheat).
 - Analyzing all samples in potable water in station.
 - Analyzing all samples in waste treatment.
 - Analyzing all samples in sewage treatment.
 - Analyzing samples of natural gas which used as fuel in combined cycle.
 - Good background in analyzing transformers and turbine oils.
 - Good background in reverse Osmosis system (R.O.).Systems:
 - A chemist operation on computer scada system and controllers.
 - Water treatment plants in power station.
 - De-mineralized water plants.
 - Potable water system.
 - Boiler water treatment in power stations.
 - Waste water treatment plants.
 - Sewage and domestic water treatment plants.

- Oil separator treatment system.
- Closed cooling treatment system.
- Hydrogen gas production unit.
- Reverse Osmosis plants.
- Analysis of all water samples by different instruments.
- Good background about multistage flash (MSF).