

Holds a B. Sc. in Geology and a Postgraduate Diploma in Analysis Chemistry. Has over 16 years hands-on experience working as Laboratory / Operator Chemist at Nubaria Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/01/1981
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Geology, South Valley University, 2003
: Postgraduate Diploma in Analysis Chemistry, Tanta University, 2015
: B. Sc. in Chemistry/Geology, Tanta University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Off-shore training course in United Arabian Emirates for 2 weeks by METITO Company.
: Training course for 1 month in Damanhour Training Center.
: Training course in Abu Qir Training Center for 2 weeks in Water Treatment.
: On-shore training course in Nubaria Power Plant for 2 weeks by METITO Company:

- Demineralization Plant.
- Pre-Treatment Plant.
- Sewage Treatment Plant.
- Potable Water System.
- Waste Water Treatment System.
- Oil / Water Separator System.
- Chemical Injection System.
- Steam Water Analysis System.

- : TRAINING IN THE LABORATORY INSTRUMENT AS ATOMIC, GC, ION CHROMATOGRAPHY for 2 weeks in CENTRAL CHEMICAL LAB in Cairo.
- : TRAINING COURSE FOR 2 WEEKS IN HELWAN NET TRAINING CENTER IN ANALYSIS OF DISSOLVED GASES IN TRANSFORMERS OIL.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2007 till now
- Employer** : West Delta for Electricity Production Company
- Project** : Nubaria Power Plant
- Job title** : Laboratory Chemist
- Job Description** :
- Ion Chromatography (ICS1000 Dionex) Instrument, which make Qualitative and Quantitative Analysis for some Anion and Cation of Water Samples.
 - Flame photometer (Jenway) instrument which analyzing some Cations as Na, K, Ca, Li, Ba.
 - Spectrophotometer 6400 Jenway Instrument which measure Absorbance, Concentration, Transmission at different Wave Lengths.
 - PH, Conductivity, Turbidimeter and Dissolved Oxygen Instruments.
 - Background in Chemical Cleaning, Steam Blow Out and Operation for four Alstom H.R.S.G.
 - Analyzing Transformers Oil and Turbine oil.
 - 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 / in Boiler / Saturated Steam / Super Heated Steam / Hot Reheat).
 - Analyzing all Samples in Potable Water in Station.

- Dates** : From Feb. 2006 till Aug. 2007
- Employer** : West Delta for Electricity Production Company
- Projects** : Nubaria Power Plant & Kafr El-Dawar Power Plant
- Job title** : Operator Chemist
- Job Description** :
- Operator for the following systems in water treatment field as Scada Operator in Nubaria Power Station I & II 2x750MW (Nominal) combined cycle:
 - Demineralization Plant.
 - Pre-Treatment Plant.
 - Sewage Treatment Plant.
 - Potable Water System.
 - Waste Water Treatment System.
 - Chemical Injection System.
 - Steam Water Analysis System.
 - Nubaria Power Station I, II 2x750MW CC:
 - Gas turbine SIEMENS 4x250MW V 94.3A.
 - Steam Turbine MITSUBISHI 2x250MW TC2F.
 - 2 HRSG ALSTOM.
 - Water treatment plant (METITIO) Potable, demi, waste... treatment.
 - Fire protecting piping of fuel tanks (foam system, cooling system)

high voltage transformers (deluge system) powers block, cable room and colony.

- Life line wash system of switch yard (500 & 220KV) (TYCO).
- Hydrogen and oxygen gas plant.
- Diesel generator.
- Supervising system start-up and performance Improvements.

Dates : From Oct. 2005 till Feb. 2006
Employer : Middle Delta Electricity Production Company
Project : Nubaria Power Station I, II - 2x750MW Combined Cycle
Job Description :

- Construction Supervisor Chemical Engineer for Water Treatment Construction Works and its Related Contracts.
- Responsible for Installation, Testing and commissioning of water treatment for the Contract NO. 10049-CP-105 (Mechanical Equipments):
 - Pretreatment system.
 - Potable water system.
 - Waste Water treatment system.
 - Sewage water treatment plant.
 - Fuel oil treatment system.
 - Condensate, Feed Water & Circulating Water Chemical Injection System.
 - Laboratory Instrument.
- Responsible for Supervising Specifications, chemical Construction and start-up Activities for Material Site Receiving related to chemical, Environmental works to Complete Construction, start-up Activities.
- Project Environmental, chemical Supervisor Engineer.
- Supervise the contract package schedule and related financial, technical specifications.
- Follow up the project daily works (receive submittals, replay, and equipment construction).

Dates : From Feb. 2005 till Oct. 2005
Employer : West Delta for Electricity Production Company
Projects : Nubaria Power Plant & Kafr El-Dawar Power Plant
Job title : Operator Chemist
Job Description :

- Operator for the following systems in water treatment field as Scada Operator in Nubaria Power Station I & II 2x750MW (Nominal) combined cycle:
 - Demineralization Plant.
 - Pre-Treatment Plant.
 - Sewage Treatment Plant.
 - Potable Water System.
 - Waste Water Treatment System.
 - Chemical Injection System.
 - Steam Water Analysis System.
- Nubaria Power Station I, II 2x750MW CC:
 - Gas turbine SIEMENS 4x250MW V 94.3A.
 - Steam Turbine MITSUBSHI 2x250MW TC2F.
 - 2 HRSG ALSTOM.
 - Water treatment plant (METITIO) Potable, demi, waste... treatment.

- Fire protecting piping of fuel tanks (foam system, cooling system) high voltage transformers (deluge system) powers block, cable room and colony.
- Life line wash system of switch yard (500 & 220KV) (TYCO).
- Hydrogen and oxygen gas plant.
- Diesel generator.
- Supervising system start-up and performance Improvements.