

Holds a B. Sc. in Chemistry and 2 Diplomas. Has about 17 years hands-on experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1982
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Chemistry, Zagazig University, 2003
: Diploma in Applied Chemistry, Tanta University, 2014
: Diploma in Analysis Chemistry, Tanta University, 2015

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Training for 2 weeks about industrial safety in the Ministry of Civil Defense.
: Training for 1 month about analyzing of lubricant oils in Central Laboratories.
: Training for 1 week about water treatment in Nubaria Electrical Power Station.
: Training for 1 week about chemical cleaning for boilers.
: Training for 1 week about analyzing of water in all water treatment systems and analyzing all sample in steam cycle for all units in boiler (high and low pressure drums).
: Training for 1 week about ICT in Tanta University.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2007 till now
- Employer** : Middle Delta Electricity Production Co.
- Project** : Nubaria Power Station (2250MW)
- Job title** : Assistant Shift Charge Chemist (start-up, commissioning, operation)
- Job Description** :
- Water treatment:
 - Demineralization plant (3x75 m³/h).
 - Oil water separation system.
 - Pre-treatment plant (3x84 m³/h).
 - Sewage treatment plant (2x200 m³/h).
 - Potable water system (2x200 m³/h).
 - Waste water treatment system.
 - Chemical injection system for boiler (high & low pressure drums).
 - R.O. unit.
 - Hydrogen generation unit.
 - Analyzing for lubricant oils as the following:
 - Making analysis on lubricant oils to determine the quality.
 - Additives of lubricant oils.
 - Causes of deterioration of lubricant oils during operation.
 - Analyzing all samples in pre-treatment (screening – sedimentation – filtration) to produce filtered water, maybe used in drinkable water or in chemical treatment.
 - Analyzing all samples in chemical treatment (ion exchanger to remove all hardness salts from filtered water to produce de-mineralized 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).
 - Analyzing all samples in potable treatment / waste treatment / sewage treatment.
 - Acid and alkaline cleaning for boiler and pipeline.
 - Adjust treatment chemical feed rates and performs various tasks as required to maintain critical parameters within specified ranges.
 - Monitor and report actual or potential environmental problems.
- Dates** : From 2003 till 2007
- Employer** : Metito Co. for water treatment
- Job title** : Chemist