

Holds a B. Sc. in Chemical Engineering and has about 17 years hands-on experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/03/1976
Gender : Male
Residence : El-Behira

EDUCATION

: B. Sc. in Chemical Engineering, Alexandria University, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training for 1 month in West Delta Electricity Production Company about methods for water treatment in power station.
- : Training for 16 days off-shore in Sharjah (United Arab Emirates) and 21 days on-shore in NUBARIA Power Station site by METITO about operation & maintenance for the following water treatment systems:
 - Demineralization Plant.
 - Pre-treatment Plant.
 - Sewage Treatment Plant.
 - Potable water system.
 - Waste water treatment system.
 - Oil /water separation system.
- : Training course on fire fighting.
- : Training course for 2 months on (Word & Excel).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2013 till now
- Employer** : West Delta Electricity Production Company
- Project** : NUBARIA Power Station (3x750MW combined cycle units)
- Job Description** :
- Start-up, commissioning & operation for the following systems:
 - Demineralization Plant (3x75 m³/h).
 - Pre-treatment Plant (3x84 m³/h).
 - Sewage Treatment Plant (2x200 m³/d).
 - Potable water system (2x20 m³/h).
 - Waste water treatment system.
 - Oil / water separation system.
 - Chemical injection system for boiler high & low pressure drums.
 - R.O. unit.
 - Hydrogen generation unit for cooling generator.
 - Analyzing all samples in pre-treatment (Screening / Sedimentation / Filtration) to produce filtered water may be 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 produced demi water which used in thermal cycle.
 - Analyzing all sample in steam cycle for all unit in feed, condensate boiler water and saturated, super heated steam.
 - Analyzing all samples in potable treatment, waste treatment & sewage treatment.
 - Acid & alkaline cleaning for boiler and pipe line.
- Dates** : From Jun. 2010 till Jan. 2013
- Employer** : KHARAFI NATIONAL, Kuwait
- Project** : SABIYA Station for power generation and water distillation - Project of O&M of power generation and water distillation, Ministry of water and electricity:
- 8x300MW steam power units.
 - 8 Multi-stage flash Distillation units.
 - R.O. plant 220 m³/h.
 - 2 Re-carbonation Systems.
 - Electrochlorination plant 1200 kg/h.
 - Water treatment Ion Exchanger plant.
- Job title** : Chemical Engineer
- Job Description** :
- Supervise all chemical analysis in steam water cycle, distillation & Re-carbonation system.
 - Supervise new project of fuel additives injection to improve the boiler efficiency and reduce NO_x and So_x emissions, increasing flying ashes P^H, reducing corrosion in RAH both hot and cold ends.
 - Attending defect meeting and follow all defects of the plant different systems.
 - Supervising boiler tubes acid cleaning on waterside and second pass alkaline cleaning on flue gases side.

Dates : From Feb. 2005 till May 2010
Employer : West Delta Electricity Production Company
Project : NUBARIA Power Station (3x750MW combined cycle units)
Job Description :

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 - Demineralization Plant (3x75 m³/h).
 - Pre-treatment Plant (3x84 m³/h).
 - Sewage Treatment Plant (2x200 m³/d).
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- Analyzing all samples in potable treatment, waste treatment & sewage treatment.
- Acid & alkaline cleaning for boiler and pipe line.

Dates : From Mar. 2002 till Oct. 2004
Employer : Egyptian Army
Project : Military Service