

Holds a B. Sc. in Chemistry-Geology and a Postgraduate Diploma in Petrochemicals Industries. Has about 14 years hands-on experience working as Operator Chemist at Damanhour Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/01/1985
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Chemistry-Geology, Alexandria University, 2007
: Postgraduate Diploma in Petrochemicals Industries, Alexandria University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- Abu Qir Power Station.
- Sidi Krir Power Station.

: Trainings during Petrochemical Diploma study:

- Alexandria Company for Mineral Oils (AMOC).
- Egyptian Petrochemicals Co.
- Sidi Krir Petrochemicals Co. (SIDPEC).

: Geology study:

- Petroleum Geology.
- Mining Geology.
- Structural Geology.
- Sedimentary Geology.
- Geophysics.
- Geochemistry.
- Hydrology.
- Economic Geology.

- Geology of Egypt.
- Engineering Geology.
- Stratums Geology.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Employer** : West Delta Electricity Production Co.
- Project** : Damanhour 325MW Power Plant & 3x65MW Power Station
- Job title** : Operator Chemist
- Job Description** :
- Water treatment:
 - Good experience in water treatment & preliminary treatment (clarification, purification, flocculation, filtration) & secondary water treatment, water hardness and softening, producing de-mineralized (deionized) water for boiler purposes (for steam).
 - Good experience in laboratory experiments.
 - Ion exchange resin (cation, anion and mixed bed exchangers).
 - RO production unit.
 - Sodium Hypochlorite production unit.
 - Feed / boiler water treatment.
 - Water and steam quality.
 - Steam contamination treatment.
 - Protection of boilers off load (from corrosion) & wet conservation & dry conservation.
 - Chemical cleaning procedure (boiler) & alkaline degreasing & acid cleaning.
 - Mechanical cleaning & ball cleaning.
 - Regeneration of ion exchanger.
 - Waste water treatment.
 - Condensate polishing.
 - Desalination of sea water.
 - Sea water disinfection or water disinfection.
 - Distillation of water MSF, ME, VC, RO, ED.
 - Hydrogen production unit.
 - Sewage treatment.
 - Field instruments:
 - Silica Analyzer, Sodium Analyzer, Conductivity, pH, pH/ORP, Dissolved Oxygen Analyzer, Oxygen Scavenger Analyzer, Turbidity, Cationic Conductivity Analyzer, Hardness Analyzer, Free/Total Chlorine Analyzer, Spectrophotometer.
 - Control system: DCS (Distributed control system) and motorized valves.