

104432-CHE-18OS-E-2004
Commissioning & Start-up Chemist

Holds a B. Sc. in Chemistry & Microbiology and has about 14 years experience working as Chemist at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1983
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Chemistry & Microbiology, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Completed the STF onshore operation training course for a 750MW Nubaria project 3 (Contract -10049-CP-105).
- : Training course in chemical cleaning, Vecom Knowledge Academy.
- : Training courses in Chemical Cleaning GCS (GLOBCHEM GLOBAL CHEMICAL SERVICE).
- : Several training courses at central chemical laboratories in Egyptian Electricity Holding Company.
- : Environmental studies at Institute of Research and Graduate Studies in Alexandria.
- : Firefighting course for one week.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2020 till now
Employer : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor
Project : SUPERCRITICAL POWER PLANT (1x660MW) IN ASSIUT NEW PROJECT

Job title : Commissioning & Start-up Chemist
Job Description :

- Chemical cleaning, Boiler clean up, Refractories dry out, Steam blowing, Bypass & Normal operation.
- Boiler preservation (Wet & Dry preservation).
- SWAS & CEMS Systems & sampling analysis.
- Boiler performance test (natural gas & mazout).

Dates : From Jan. 2018 till May 2020
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : SOUTH HELWAN SUPERCRITICAL 3x650MW PP

Job title : Commissioning & Start-up Chemist
Job Description :

- Chemical cleaning, Boiler clean up, Refractories dry out, Steam blowing, Bypass & Normal operation.
- Boiler preservation (Wet & Dry preservation).
- SWAS & CEMS Systems & sampling analysis.
- Boiler performance test (natural gas & mazout).

Dates : From 2007 till Jan. 2018
Employer : Middle Delta Electricity Production Company
Project : Nubaria Power Station Combined Cycle (2250MW) (3x750MW) Siemens gas turbine, GE gas turbine, Mitsubishi steam turbine

Job title : Chemist
Job Description :

- Make analysis for all samples in pre-treatment (screening, sedimentation, and filtration) to produce filtered water (used in drinkable water and in chemical treatment (ion exchanger)).
- Make analysis for all samples in steam cycle for all units (feed, condensate water, saturated, superheated steam, hot reheat).
- Make analysis for all samples in (drinkable water in station, waste, sewage treatment).
- Good experience in treatment of water by reverse osmosis system.
- Good operating Scada systems.
- Good Operating for Ion Exchange system – Demineralization system – Multistage system and other desalination process.
- Hydrogen production unit for cooling generator.
- CEMS (Continuous Emission Monitoring System).

Important studied sciences:

- Analytical chemistry, Organic chemistry, Spectroscopic chemistry, Polymer chemistry, Natural product chemistries & Inorganic chemistry.
- Thermodynamic, Nuclear, petroleum chemistry.
- Cell biology, virology, bacteriology.