

106298-CHE-18OS-E-2004
Senior Commissioning Chemical Engineer

Holds B. Sc. in Special Chemistry and M. Sc. in Analytical Chemistry. Has about 13 years hands-on experience working as Chemist at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/06/1983
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Special Chemistry, Cairo University, 2004
: M. Sc. in Analytical Chemistry, Beni Suef University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2017 till now
Employer : El Sewedy Electric PSP
Project : Beni Suef 4800MW
Job title : Senior Commissioning Chemical Engineer

Dates : From 2006 till 2017
Project : El-Kureimat Power Plant (2x627MW)
Job Description : Laboratory Chemist & Operating Shift Chemist in the field of Operating, controlling and make qualitative, quantitative, spectrophotometer and chromatographic analysis for:

- Demineralized system forming Demi water (soft Water) without any salts.
- Waste water treatment system (treatment to waste Water to back to river Nile).
- Pre-treatment system (treatment of the Nile water).
- Sewage water treatment system (treatment the Sewage water to the Nile

River).

- Sampling system.
- Chlorination system (injection the chlorine to kill Micro-organisms).
- Data management system control.
- Following installation and operation of sampling system and on line analyzer (Silica analyzers, sodium analyzer, conductivity meters, pH meters and dissolved Oxygen analyzers) make calibration and prepare chemicals for online analyzers to control the boiler water, condensate and steam cycle quality.
- Following operation of chemical feed system (Ammonia, Hydrazine, and Phosphate) to adjust chemicals feeding to the boiler.
- Following installation and operation for D-M-S (Data management system), which control chemical injection in boiler water, condensate and steam automatically according to the reading of on line analyzers.
- Following operation of condensate polishing System and required its effluent water analysis.
- System water cycle.
- Potable water treatment (treatment the Nile water to form potable water).
- Oil & fuel analyses.
- All chemical analysis for water quality control.
- Working on ICP-Mass (Inductively coupled plasma - Mass) spectrometer instrument and IC (Ion Chromatography) instrument at Central Laboratory for Environmental Quality Monitoring - National Water Research Center.