

Holds a B. Sc. in Special Chemistry and has over 15 years experience working as Laboratory / Shift Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/05/1982
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Special Chemistry, Cairo University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Project : El-Kureimat Thermal Power Plant 2x627MW
Job title : Laboratory Chemist
Job Description :

- Make required analysis for boiler water to adjust and Control Boiler water quality and internal water Treatment for boiler and Heaters using the following Instruments: Spectrophotometer model DR 3900, Single and UV/VIS Double Beam Spectrophotometer, IC and portable Flue gas analyzer, TOC total organic carbons, atomic absorption A.A.,etc.
- Oil & fuel analysis.
- Flue gasses – analysis.

Dates : From Sep. 2006 till 2008
Project : El-Kureimat Thermal Power Plant 2x627MW
Job title : Shift Chemist

- Job Description** :
- Operation for water pretreatment system, which produce water for potable water. Service water and supply water to deminralized water system.
 - Operation of demineralized water plant, Waste water and swage treatment plant and make required analysis to adjust required quality.
 - Operation of condensate polishing system and required its effluent water analysis.
 - Following and operation of chlorination system.
 - Following 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.
 - Total organic carbons, atomic absorption A.A, ICP and NDIR.
 - Following chemical cleaning for boiler and high pressure heaters.
 - 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.
 - Adjust chemical addition to the Hydrogen cells and hydrogen purity.
 - Isolate individual equipments and tagged them for maintenance.
 - Train operators to line up, start up, normal operation or shut down equipments.
 - Following and operation of chemical feed system (Ammonia, Hydrazine, Phosphate) to adjust chemicals feeding to the boiler water.