106289-CHE-18OS-E-2005 Shift Chemist

Holds a B. Sc. in Chemistry & Physics and has about 15 years hands-on experience, including 14 years working as Shift Chemist at Power Plants.

PERSONAL DATA

Nationality : Egyptian Birth Date : 23/09/1983

Gender : Male
Marital Status : Married

Residence : Dar El-Salam, Cairo

EDUCATION

B. Sc. in Chemistry & Physics, Cairo University, 2005

LANGUAGES

Arabic : Native Language

English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Training in Egyptian Company of Petro-Chemical Products in 2003.

: Training in El-Helal El-Ahmer Laboratory of El-Helal El-Ahmer hospital in

2004.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2018 till now

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 : Shift Chemist

Dates : From Dec. 2019 till Mar. 2020

Employer: EGYPTROL, AC Boilers Subcontractor

Project: South Helwan Power Plant

Job title : Chemist

Dates : From 2014 till 2017

Employer: First National Operation & Maintenance Company (NOMAC)

Project: IWPP (Shuaibah Independent Water & Power Project), contains 3 Steam

Power Units (1200MW), Generator & Turbine made by Siemens, Boiler made Ansaldo & 12 MSF units (880,000 m3/day) made by AG Doosan

Heavy Industries

Job title : Shift Chemist

Dates : From 2006 till 2014

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 : Shift Chemist

Dates : 2005

Employer : Petrographics Company for services petroleum

Job title : Chemist in seismic department

Field of experience:

- CCR OPERATOR for scada systems for R.O plant, pre-treatment plant, drinkable water plant, waste plant, sewage treatment plant & demineralization plant).
- 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)).
- Work as Operator for demineralization plant and do all analysis.
- 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).
- Make analysis for all samples in multi stage flashing system (brine heater condensate & sea water & brine recycle & brine blowdown).
- Make calculation for concentration ratios (C.R) & loss of total alkalinity (L.T.A) & langelier saturation index (LSI).
- Good experience in treatment of water by reverse osmosis system.
- Have experience in use the following instruments: Ph-meter, conductivity meter, density meter, turbidity meter, uv-spectrometer, Hack 890 colorimetry.
- Important studied sciences: Analytical chemistry, Organic chemistry, Spectroscopic chemistry, Polymer chemistry, Natural product chemistries & Inorganic chemistry. Thermodynamic physics, Nuclear physics, Mechanics & Solid physics.