

Holds a B. Sc. in Special Chemistry and has over 10 years hands-on experience, including 4 years working at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/12/1982
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

: B. Sc. in Special Chemistry, Assiut University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Water Treatment Operation and Maintenance Course (Reverse Osmosis).
: Sugar dissolving Unit.
: Spectro oil photometer.
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2017 till now
Employer : Orascom Construction
Project : Assiut Combined Cycle Power Plant 500MW
Job title : Team Lead Water Treatment Chemist
Job Description :

- Chemical Cleaning for 8 HRSG.
- Water Quality Control during steam blow.
- Air Cooled Condenser (ACC) Hot Cleaning analysis.
- Chemical Injection Skids Operation.

- Chemical Additives for closed cooling Loops and Fin Fan Cooler.
- Water Quality Control during steam purity.
- Water Quality Control during Hydrostatic test for 8 HRSG.
- Water Quality Control during Normal Operation for Two Modules.
- Wet Preservation for 8 HRSG after Chemical Cleaning.

Dates : From Nov. 2016 till Oct. 2017
Employer : Orascom Construction
Project : New Capital Combined Cycle Power Plant 4800MW
Job title : Sr. Commissioning & Operation Chemist
Job Description :

- Commissioning, start-up and operation for Water Treatment Plant which contains the following systems:
 - Ultra Filtration (UF).
 - Reverse Osmosis (RO).
 - Continuous Electrode ionization (CEDI).
 - Waste Water Treatment.
 - Sewage Treatment Plant (STP).
- Chemical Additives for closed cooling Loops and Fin Fan Cooler.
- Analyzing Samples from Various Sources (Pre-treatment water, Raw water, Demi water, Waste water and Closed Cooling water).

Dates : From Feb. 2015 till Oct. 2016
Employer : Orascom Construction
Project : Assiut Simple Cycle Power Plant 8x125MW
Job title : Sr. Commissioning & Operation Chemist
Job Description :

- Commissioning, start-up and operation for Water Treatment Plant which contains the following systems:
 - Ultra Filtration (UF).
 - Reverse Osmosis (RO).
 - Continuous Electrode ionization (CEDI).
 - Waste Water Treatment.
 - Sewage Treatment Plant (STP).
 - Fuel oil treatment plant.
 - Auxiliary Boiler.
 - Potable Water.
- Chemical Additives for closed cooling Loops and Fin Fan Cooler.
- Analyzing Samples from Various Sources (Pre-treatment water, Raw water, Demi water, Waste water, Boilers, Closed Cooling water and Lube Oil).
- Calculate and reporting the rates weekly and monthly consumption of chemicals and compare the design.
- Auxiliary Boiler and Fuel oil treatment plant Preservation.

Dates : From Sep. 2008 till Jan. 2015
Employer : Coca Cola Company
Project : Assiut Coca Cola Plant
Job title : Chemist

- Job Description** :
- Dissolving Sugar Unit.
 - Water treatment Plant.
 - Syrup Unit.
 - Potable Water.
 - Checking All Specification for Water and Syrup by Testing and Analysis Operational and Support.
- Field of experience** :
- Power Plant operations.
 - Water and Waste Water operation:
 - Multi Media Filters, Ion-Exchanger (Resin), Waste Water Treatment, Neutralization System and Oil Separator.
 - Automatic self-cleaning, Ultra Filtration (UF), Reverse Osmosis (RO), Continuous Electrode Ionization (CEDI).
 - Chemical Additives for Closed Cooling Loops and Vin Fan Cooler.
 - Combined cycle operation (HRSG).
 - Chemical cleaning for HRSG's and BOP.
 - Boiler Water Treatment.
 - Sludge processes.
 - Fast track project.
 - Chemical injection skids operation.
 - Hot Cleaning for Air Cooled Condenser (ACC).
 - Potable Water system.
 - Sewage System.
 - Specifications Analyzing Samples from Various Sources (Pre-treatment water, Raw water, Demi water, Waste water, Boilers, Closed Cooling water and Lube Oil).
 - Calculate and reporting the rates weekly and monthly consumption of chemicals and compare the design.