

Holds a B. Sc. in Chemistry and has over 26 years of experience in power plant operation and maintenance as a Shift Chemist for 5 years, a Chemist Chief for 3 years, in chemical lab as a Leader responsible for analysis, reports and reagent preparation for 2 years and as a Senior and Lead Chemist at PGESCo for 14 years acting as a Start-up and Commissioning Engineer and following the construction, start-up and management activity in power plant project and as a Shift Engineer for 6 months in Cairo West with PGESCo.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Chemistry, Zagazig University, 1994

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Bechtel overseas training course for Basic chemistry and engineering theory of power plant operation and maintenance in Shoubra El-Kheima Power Station Training Center (from Mar. till Oct. 1996).
- : Bechtel overseas training course in the development, installation and commissioning of power plant in Shoubra El-Kheima Power Station (from Mar. till Sep. 2000).
- : Dissolved gases analysis in Shoubra El-Kheima Power Station Chemical Lab Training Center (Feb. 2000).
- : Training program in boiler operating system in El-Kureimat Thermal Power Station (Jan./Feb. 1997).
- : Microsoft Office program (Windows, Word, Excel, Power Point) (from May till Jul. 2002).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2016 till now
Project : West Damietta Power Project phase II

Job title : Sr. Chemical & Mechanical Construction & Start-up Engineer
Job Description :

- Following construction activity for all contractors.
- Following start-up activity for all contractors.
- Following all chemical activity and requirement for the site during pre-commissioning and start-up.

Dates : From Nov. 2015 till Sep. 2016

Project : Suez Power Plant

Job title : Lead Chemist I

Job Description :

- General commissioning (start-up & construction) for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
- Making pre-commissioning & start-up for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
 - Boiler steam-water quality.
 - Boiler chemical cleaning.
 - Chemical addition to boiler.
 - Control water quality in the boiler.
 - Chlorination system.
 - Closed cooling system.
 - Chemical laboratory.
 - Polishing system.
 - Commissioning, construction, start-up and operation for RO.

Dates : From Feb. 2015 till Oct. 2015

Employer : PGESCO

Project : Wassit Iraq Power Plant

Job title : Lead Chemist

Job Description :

- General commissioning (start-up & construction) for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
- Making pre-commissioning & start-up for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
 - HRSG steam-water quality.
 - HRSG chemical cleaning.
 - Chemical addition to boiler.
 - Control water quality in the boiler.
 - Chlorination system.
 - Closed cooling system.
 - Chemical laboratory.

Dates : From Dec. 2012 till Jan. 2015
Employer : PGESCO
Project : Giza North 1500MW Combined Cycle Power Plant
Job title : Senior Chemist II
Job Description :

- General commissioning (start-up & construction) for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
- Making pre-commissioning & start-up for:
 - Water treatment (pre-treatment, dematerialized water system, waste water system & oily waste water system).
 - Sampling system, chemical feed system.
 - HRSG steam-water quality.
 - HRSG chemical cleaning.
 - Chemical addition to boiler.
 - Control water quality in the boiler.
 - Chlorination system.
 - Closed cooling system.
 - Chemical laboratory.
 - Ultra-filtration system UF & REVERS OSMOSIS RO SYSTEM FOR THE DEMINERALIZED SYSTEM.

Dates : From Jul. 2011 till Dec. 2012
Employer : PGESCO
Project : Abu Qir Thermal Power Station 2 (350MW)
Job title : Senior Chemist II
Job Description :

- Making pre-commissioning and commissioning process for:
 - Desalination system.
 - Polishing system.
 - Water treatment (pre-treatment, dematerialized water system, waste water system oily waste water system).
 - Sampling system, chemical feed system.
 - BOILER steam-water quality.
 - BOILER chemical cleaning.
 - Chemical addition to BOILER.
 - Control water quality in the boiler.
 - Chlorination system.
 - Closed cooling system.
 - Chemical laboratory.
- Cairo West Thermal Power Station 2x350MW: Commissioning, construction, start-up and operation for desalination MDF.

Dates : From Apr. 2010 till Jul. 2011
Employer : PGESCO
Project : Cairo West Thermal Power Station 2 (350MW)
Job title : Senior Chemist I

Job Description : General commissioning (start-up & construction) for:

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Sampling system, chemical feed system.
- BOILER steam-water quality.
- BOILER chemical cleaning.
- Chemical addition to BOILER.
- Control water quality in the boiler.
- Chlorination system.
- Closed cooling system.
- Chemical laboratory.
- Reverse osmoses RO & ultra-filtration UF system for potable water treatment.

Dates : From Apr. 2009 till Apr. 2010

Employer : PGESCO

Project : El Tebbin 2x350MW

Job title : Chemist III

Job Description : General commissioning (start-up & construction) for:

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Sampling system, chemical feed system.
- BOILER steam-water quality.
- BOILER chemical cleaning.
- Chemical addition to BOILER.
- Control water quality in the boiler.
- Chlorination system.
- Closed cooling system.
- Chemical laboratory.

Dates : From Sep. 2007 till Apr. 2009

Employer : PGESCO

Project : El-Kureimat II & III (4x350MW)

Job title : Chemist II

Job Description : Act as Start-up and Construction Engineer for:

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Sampling system, chemical feed system.
- HRSG steam-water quality.
- HRSG Chemical cleaning.
- Chemical addition to HRSGs.
- Control water quality in the boiler.
- Chlorination system.
- Closed cooling system.
- Chemical laboratory.

Dates : From Oct. 2004 till Sep. 2007

Employer : PGESCO

Project : Cairo North Power Station modules I & II
Job title : Chemist I
Job Description : Making commissioning for the following systems:

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Sampling system, chemical feed system.
- HRSG steam-water quality.
- HRSG Chemical cleaning.
- CEMES control.
- Chemical addition to HRSGs water & steam control during the start-up commissioning and normal operation.
- Control water & steam quality in the boiler.
- Chlorination system.

Dates : From Nov. 2003 till Oct. 2004
Project : Cairo North Power Station modules I & II
Job title : Shift Chemist
Job Description :

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Boiler quality control.
- Chlorination system.
- Make analyses in the chemical lab for boiler & Water treatment system.
- Operation of the polisher.
- Sewage system operation.

Dates : From Nov. 1999 till Nov. 2003
Project : Shoubra El-Kheima Power Station 4 (250MW)
Job title : Shift Chemist
Job Description :

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Boiler quality control.
- Chlorination system.
- Make analyses in the chemical lab for boiler & Water treatment system.
- Operation of the polisher.
- Sewage system operation.

Dates : From Jan. 1996 till Nov. 1999
Project : El-Kureimat #1 Power Station two modules -2 (750MW)
Job title : Shift Chemist
Job Description :

- Water treatment (pre-treatment, dematerialized water system, waste water system and oily waste water system).
- Boiler quality control.
- Chlorination system.
- Make analyses in the chemical lab for boiler & Water treatment system.
- Operation of the polisher Bamaag Company.
- Sewage system operation.
- Reverse osmoses RO for potable water system.