

105976-CHE-18GOS-E-1998
Water Treatment Operation Manager

Holds a B. Sc. in Chemistry and has about 18 years hands-on experience working as Chemist at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/05/1976
Gender : Male
Marital Status : Married
Residence : Gharbia

EDUCATION

: B. Sc. in Chemistry, Tanta University, 1998

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word), Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2015 till now
Project : Cairo West Thermal Power Plant (2x350MW)
Job title : Water Treatment Operation Manager

Dates : From Nov. 2016 till May 2017
Project : Beni Suef 4800MW Power Plant
Job title : Lead Commissioning Chemist

Dates : From Aug. 2013 till Jan. 2015
Employer : Metito for water treatment
Projects : Cairo West Thermal Power Plant, Banha Combined Cycle Plant and Nasser Factory for intermediate chemicals
Job title : Commissioning Manager

Dates : From 2010 till Aug. 2013
Employer : Metito for water treatment
Projects : Sidi Krir Combined Cycle Power Plant, El-Tebbin Thermal Power Plant and Water Treatment Plant in Unilever Egypt
Job title : Senior Commissioning Chemist

Dates : From 2007 till 2010
Project : El-Kureimat Combined Cycle Power Plant (2x750MW)
Job title : Shift Charge Chemist

Dates : From 2000 till 2007
Project : El-Kureimat Thermal Power Plant (2x650MW)
Job title : Shift Chemist

Field of experience :

- Start-up and commissioning for Pretreatment, Condensate Polisher, Demineralized water, RO, UF, chemical feed, sodium hypochlorite electrical generator, Waste water, Potable water, sewage plants, and laboratory desk top and portable analyzers.
- Cold loop check, hot loop check and function test for water treatment plants.
- Preparing turn over package for performance tests.
- Training for water treatment plants.
- Heat run test (solo test) for motors and mechanical run tests for pumps.
- Operation of hydrogen generator system.
- Describe and follow up the mechanical and Electrical Maintenance.
- Operation of chlorination system (sod. Hypochlorite and chlorine gas).
- Start-up, commissioning, training and calibration for on line analyzer silica, sodium, chlorine, turbidity, oxygen, conductivity, concentration, organic compound, flow meters, pressure transmitter.
- Start-up and commissioning and training for desk top PH, conductivity, turbidity, DR2000, DR 3900, DR6000, atomic absorption, single beam, double beam spectrophotometer.
- Prepare all chemicals required for analyzers and analysis
- Perform all chemical lab analysis to control the specifications of pretreatment & demineralized water systems and internal water treatment of steam generator cycle.
- Commissioning for chemical dosing systems for boilers, hydrazine dosing skid, ammonia dosing skid and sodium phosphate dosing skid.
- Measuring exhausted gases in stack and oil analysis for transformers.
- Chemical cleaning for water tube of boilers.
- Operation for decanter, filter press.
- Sample rack of boiler and steam cycle operation and calibration for on line analyzer.