Holds B. Sc. in Special Chemistry and Master degree in Nonorganic Chemistry. Has about 12 years hands-on experience, including 11 years working as Chemist at El-Kureimat Combined Cycle Project.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	04/03/1985
Gender	:	Male
Marital Status	:	Married
Residence	:	Beni Suef

EDUCATION

- : B. Sc. in Special Chemistry, Minia University, 2006
- : Premaster in Nonorganic Chemistry, Helwan University, 2010
- : Master degree in Nonorganic Chemistry, Helwan University, 2015

LANGUAGES

Arabic	:	Native Language
English	:	Fluent

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Summer Training in El-Kureimat Power Plant (2005).
- : Water treatment course in Central Chemical Laboratories, Ministry of Electricity (2009).
- : Training for Environmental awareness and environmental impact assessment at Training Center for Upper Egypt Electricity Production Company in El-Kureimat (Dec. 2017).
- : Training for ISO 9001/2015 at Training Center for Upper Egypt Electricity Production Company in El-Kureimat (Jul. 2018).
- : Offshore Training program (for South Helwan Supercritical Power Plant) at France, Paris, by Veolia Company as Operator and Laboratory Chemist in water treatment plant (Jul./Aug. 2019).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From 2008 till now
Employer	:	Upper Egypt Electricity Production Company (UEEPC)
Project	:	El-Kureimat Combined Cycle Project 2x650MW
Job title	:	Chemist (Water treatment and Laboratory)

Dates	:	From 2007 till 2008
Employer	:	El Nasr Company for Intermediates Chemical (NCIC), Defence Ministry, El-Fayoum branch
Job Description	:	Chemist at Central Laboratory for controlling of Ores, production steps and final products of Aluminium sulphates, Single Super Phosphates, Potassium Sulphates and Sulphuric acid plants and daily analysis of potable water and boilers water.

Further experiences : Worked for Siemens in Beni Suef 4800MW CCPP during the period from 13/5/2018 to 30/6/2018 in the chemical commissioning (Boiler water analysis, Raw water, Cooling tower, clarifier basin water analysis, outfall water analysis and follow up chemical feed and online analyzers).

Field of experience :
- Operation of water and waste water treatment plants.
- Operation of chemical feed system for boilers.
- Operation of exhaust gas determination system.
- Analysis of water as quality control for water treatment plant and as quality preservation for boilers.
- Operation the following instruments:
    - Online analysers as PH, Conductivity, Sodium, Silica…
    - Carbon oxides, nitrogen oxides, sulphur dioxide, wind speed, wind direction, suspended particulates instruments.
    - Atomic absorption spectrometer.
    - Ion chromatograph.
    - Online gas chromatograph.
    - Total organic carbon analyzers.
    - UV-VIS spectrometers (single and double beam).
    - Laboratory accessories…
- Operating & controlling all of Water Treatment Systems:
    - Follow up and operation of chemical feed system (Ammonia, Hydrazine, and Phosphate) to adjust chemicals feeding to the boiler water.
    - Follow up and operation of sampling system and ON- Line analyzers (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.
    - Follow up and operation of Environmental units.
    - Follow up and chemical cleaning for Boiler.
    - Wastewater treatment system.
    - Sewage water treatment system.
    - Potable water system.

- Data management system control steam water cycle.
- Oil fuel analysis.
- Closed cooling system.
- Hydrogen system.
- Follow up Steam Blow out test for Boiler.
- Laboratory Chemist:
  - 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 flow gas analyzer, TOC total organic carbons, atomic absorption A.A., ….etc.