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.