

Holds B. Sc. in Chemistry and M. Sc. in Organic Chemistry. Has about 14 years experience working as Chemist in Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/01/1987
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Chemistry, Tanta University, 2008
: M. Sc. in Organic Chemistry, Damanhour University, 2017
: Studying for PhD in Organic Chemistry, Menoufia University

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Water treatment and environmental affairs consultant, ESSP (2019).
: Certificate of completion of the English language course (TOEFL ITP 360), Damanhur University - Language Learning Center.
: International Computer Driving License (Version 4.0), UNESCO.
: Training Program (Water Treatment at Generating Power Stations), Abu Qir Power Training Center.
: Communication skills in different learning styles, Center for the development of faculty members and leaders at the University of Damanhour.
: The first meeting of the scientists in Alexandria - Mirage San Giovanni Hall, Union of scientific professions in Alexandria.
: Water treatment in power plant, Abu Qir Electricity Training Center.
: Waste water treatment, Abu Qir Electricity Training Center.
: Training program in the field of chemical cleaning, Central Chemical Labs - Egyptian Electricity Transmission Company.

- : Training course in water treatment (lecturer for science students), Union of scientific professions in Damanhour.
- : Effective presentation skills, Center for the development of faculty members and leaders at the University of Damanhour.
- : The first scientific conference of medical and laboratory analysis, General Union of Scientists in Cairo.
- : Ethics of Scientific Research, Center for the development of faculty members and leaders at the University of Damanhour.
- : The first meeting of the scientists in El-Behera, Union of scientific professions in Damanhour.
- : Transformer oil, central chemical labs, Egyptian Electricity Transmission Company.
- : Scientific Research Methods, Center for the development of faculty members and leaders at the University of Damanhour.
- : National program for the preparation of local leaders, Leadership Development Center.
- : The first Conference of youth (Share. Create. Go), Damanhour (2015).
- : The annual conference of sugar, Ministry of Health and Population - Beheira Governorate.
- : Potable water system, Abu Qir Electricity Training Center.
- : Scientific Conference on Water and Energy, Water Company - Union of scientists.
- : Nile River Conference Lifeline (Sonesta Hotel Cairo), Ministry of Irrigation and Water Resources - Union of Scientists in Cairo.
- : Second scientific conference to support and develop the small inventor, Egypt Public Library - Behira Governorate.
- : Firefighting, Ministry of Interior.
- : World Day for Occupational Safety and Health in the Workplace 2018, Leadership Development Center.
- : 6th Conference of Fever Hospitals (Grand Royal Hall – 2017), Behira Governorate - Ministry of Health and Population.
- : Lecturer in Industrial Water Treatment Course 2017 (Trainer), Egypt Public Library - Behira Governorate.
- : The Twenty-first Conference on Petroleum and Environment and Development Prospects, Al-Mahrousa Hotel - Association of graduates of the Faculty of Science and the International Scientific Foundation.
- : 6th Infection Control Conference, Behira Governorate - Ministry of Health and Population.
- : First Annual Conference of Endemic Diseases, Beheira Governorate - Ministry of Health and Population.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From 2018 till now
Employer	: West Delta Electricity Production Co.
Project	: Damanhour 300MW
Job title	: Director of the Department of Chemistry and Environmental Affairs
Job Description	: <ul style="list-style-type: none"> • Environmental Chemist (from 2020 till now). • Operation & Maintenance Chemist (from 2018 till 2020). • Maintenance of water treatment units.

- Follow up samples of industrial sewage treatment and sewage treatment unit.
- Preparing environmental records and achieving environmental safety principles for employees.

Dates : From 2010 till 2018
Employer : West Delta Electricity Production Co.
Project : Damanhour CCPP
Job title : Chemist
Job Description :

- Operation & Maintenance Chemist (from 2016 till 2018).
- Shift Chemist (from 2010 till 2016).
- Responsible for the water treatment unit consists of technicians and workers.
- Process water treatment to run steam turbines to produce electricity, activate lines, follow up chemical injection and preserve the environment.
- Achieving the principle of civil safety and health for workers
- Maintenance of steam boilers from corrosion and periodic maintenance.

Dates : From 2008 till 2010
Employer : Laboratory for medical analysis
Job title : Chemical Management
Job Description :

- Chemical inside the chemical units of the laboratory.
- Work arrangement, contracts.
- External relations and important visits to senior clients.

Field of experience :

- All operating steps.
- Assigned to perform the following:
 - Review the chemical cleaning of HRSG safety.
 - The waste water quality to be within the legal environmental limits before disposal.
 - Apply the HRSG boiler treatment & closed cooling water.
 - Start-up of the chemical dosing system for both closed cooling system & HRSG boiler drum.
 - Start-up of sampling system with the required calibration and reagent preparation for the online analyzer.
 - Maintain the boiler water/steam quality within the recommended limits.
 - Reliability tests and normal operation.
 - Order all the required chemicals, tools and maintain in chemical inventory.
 - Developed and implemented HSE plan for the chemicals activates in the site.
 - Evaluation and risk assessment on environmental and safety hazards of construction development and operation activities.
 - Demineralization systems.
 - Hydrogen plants.
 - Preparing reports and documentation.