

Holds a B. Sc. in Special Chemistry and has about 12 years' experience working as Chemist.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/01/1980  
Gender : Male  
Marital Status : Married  
Residence : Gharbia

## **EDUCATION**

: B. Sc. in Special Chemistry, Alexandria University, 2001

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Offshore Operation Training, Metito Overseas Ltd, UAE:
  - Demineralization Plant.
  - Pre-Treatment Plant.
  - Sewage Treatment Plant.
  - Potable Water System.
  - Waste Water Treatment.
  - Oil Water Separator System.
  - Chemical Injection System.
  - Steam Water Analysis System.
- : Water Treatment in Power Plant, Abu Qir Electricity Training Center.
- : Corrosion and Cathodic Protection in Power Plant from MDEPC Training Sector.
- : Turbines Oils from Central Chemical Labs.
- : HSE (Health, Safety and Environment), MDEPC Training Sector Firefighting from Ministry of Interior, Egypt.
- : English (Course for Non-Specialist) (MDEPC Training Sector).
- : Computer: ICT Course.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : Since 6 years  
**Employer** : Falcon Company  
**Job title** : Production Chemist  
**Job Description** :

- Automatic online analyzers operation and calibration.
- Laboratory activities for water analysis using Spectroscopy, PH, conductivity and other analyzers.
- Supervise Operating Water Treatment Systems, Waste Water Treatment System.
- Collaborating closely with operational teams to swiftly troubleshoot and resolve chemical-related challenges.
- Managing inventory levels of chemicals, ensuring an adequate supply for uninterrupted operations during shifts.
- Overseeing water treatment plant operations including clarification, Reverse Osmosis, demineralization, scale impact and potable water systems.

**Dates** : From Dec. 2018 till Nov. 2019  
**Employer** : Abo El Sebaa Plant dye colors  
**Job title** : Production Chemist  
**Job Description** :

- Supervising chemical cleaning of HRSG, verifying thoroughness and compliance with project specifications and environmental standards.
- Ensuring wastewater quality meets legal environmental limits before disposal through monitoring and treatment measures.
- Administering HRSG boiler treatment and oversee closed cooling water systems for efficient operation and longevity.
- Initiating chemical dosing system start-up procedures to maintain water quality and system integrity.
- Commissioning and start-up condensate polishing systems, ensuring optimal performance and water purity.
- Controlling the quality of the chemical from suppliers.

**Dates** : For 6 years  
**Employer** : El Sehili Company  
**Job title** : Laboratory Chemist  
**Job Description** :

- Managing the operation and maintenance of the water treatment plant, covering ultrafiltration, RO, and potable water systems.
- Laboratory activities for water analysis using Spectroscopy, PH, conductivity and other analyzers.
- Managing the operation and maintenance of the water treatment plant, covering ultrafiltration, Reverse Osmosis, and potable water systems.
- Collaborating closely with operational teams to swiftly troubleshoot and resolve chemical-related challenges.
- Managing inventory levels of chemicals, ensuring an adequate supply for uninterrupted operations during shifts.
- Providing comprehensive training to shift personnel on chemical handling protocols, prioritizing safety and productivity.

- Field of experience :**
- Extensive experience in troubleshooting and optimizing water treatment processes across treatment plants, produced water reinjection facilities. Demonstrated expertise in maintaining water quality through produced water clarification, corrosion and scale impact assessments, and treatments. Skilled in water lab chemistry, data analysis, and interpretation of operational data, supporting laboratory operations at multiple sites to ensure accurate results. Highly proficient in quality control inspections of chemicals, source water treatment, and oil and water separation, with a strong background in corrosion mitigation, scale, and biological control strategies. Hands-on experience in both laboratory and field operations. Committed to safety leadership and the Project Code of Conduct.
  - Process Improvement.
  - Equipment Troubleshooting.
  - Chemical Analysis.
  - Plant Commissioning.
  - Water Treatment.
  - Instrument Calibration.
  - Emergency Response.
  - Data Interpretation.
  - Process Control.
  - Quality Assurance.
  - Environmental Monitoring.
  - Hazardous Waste Management.
  - SOP Development.
  - Energy Efficiency.
  - Root Cause Analysis.
  - Equipment Maintenance.
  - Chemical Handling.
  - Team Collaboration.
  - Conflict Resolution.
  - Adaptability Skills.
  - Risk Assessment.
  - HSE Regulations.
  - Plant Startup.
  - Analytical Chemistry.
  - Chemical Inspection.
  - Process Monitoring.
  - Calibration Procedures.
  - Gas Detection.
  - Corrosion Control.
  - Process Supervision.
  - Utility Management.
  - Team Leadership.
  - Problem Solving.
  - Analytical Skills.
  - Quality Control.
  - Waste Minimization.
  - Regulatory Compliance.
  - Time Management.

- Incident Investigation.
- Boiler Operation and Maintenance.
- Optimization of firefighting systems.
- Hazardous area classification (certified).
- Technical reports.