

Holds a B. Sc. in Chemistry & Physics and a Diploma in Environmental Studies. Has over 19 years experience working as Chemist.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 24/02/1981  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Chemistry & Physics, Alexandria University, 2002  
: Diploma in Environmental Studies, Alexandria University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: ICDL Preparation course.  
: Gas Chromatography course, King Saud University.  
: Disposal of chemicals training, King Saud University.  
: Awareness Training FSSC (ISO 22000:2005 & ISO /TS 22002-1 & Internal Audit and NQMS).  
: Awareness Training Health, safety and Environment (ISO 14001:2004 & OHSAS 18001:2007).  
: Awareness Training Internal Auditor ISO 19011.  
: Awareness Training QMS ISO 9001:2015.  
: ISO OHSAS 45001:2018 Lead Auditor, IRCA UDN:164596.  
: QMS ISO 9001:2015 Lead Auditor, IRCA UDN:203373.  
: LEAN SIX SIGMA GREEN BELT, ID: 09341527476906.  
: Risk Assessment, NASP (wait certificate).  
: OSHA construction industry safety & health.

- : OSHA platinum certificate in emergency and disaster management.
- : OSHA general industry safety & health.
- : First Aid and CPR course.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2021 till now
- Employer** : International Construction & Manufacturing Services (ICMS)
- Project** : Qurayah Combined Cycle Power Plant (QCCPP), Saudi Arabia
- Job title** : Lab Technician
- Job Description** :
- Monitor and take measures to maintain the chemistry of water system including boiler chemistry within the prescribed limits.
  - Analyze Raw water, Waste water and water treatment plant output according to applicable standards and maintain chemistry of waste water, boiler water, water treatment plant, Cooling tower, and Close cooling system according to the standards and as required by the regulatory authorities.
  - Operate the water treatment plant (MSF & Mixed bed & RO) whenever required (Production & Regeneration & CIP).
  - Collected and analyze periodic samples of Water and Lubricants.
  - Manage inventory of all type of chemicals used at plant site.
  - To Maintain personal protection equipment.
  - Check for start rolling and tie up to maintain the parameters at the permissible limits.

- Dates** : From Dec. 2019 till Mar. 2021
- Employer** : AL MASA FOR BOTTLED WATER, KSA
- Job title** : Quality Section Head
- Job Description** :
- Requested the chemical and Micro Lab the necessary equipment to perform the essential test on water sampling.
  - Requested the chemicals and Tools need for the production, quality and safety.
  - Start-up the RO unit how many membranes required and the required water production (premeat) and the injection of chemicals for anti-scale and disinfection.
  - Perform RO CIP (Clean in place) for remove fouling, scale and biofouling.
  - Comply the requirements of FDA (Obtained a license from FDA for Al Masa).
  - Arrange all document for the chemical and Micro lab and for RO station unit.
  - Perform all chemical test and Microbiology test on water samples required for water quality.
  - Arrange the essential document for get ISO 9001 and any future certification need with external auditors.
  - Arrange the hygiene documents for the plant workers and put pest control plan.
  - Responsible of the RO daily production and overcome any problem faced during production "scale, fouling, disinfection, bio fouling".

- Arrange all document for tractability form raw materials to finished product.
- Arrange the document for Emergency action plan and Evacuation action plan.
- Arrange the document for evacuation plan and training the workers on it. Participation in write the safety and quality policies.
- Ensure that all parameters in the range of SASO specification and according to plant specifications.
- Development new addition in our water specification to be as add value for water and increased immunity and public health.

**Dates** : From Jan. 2017 till Jan. 2019

**Employer** : Abdullah Ibrahim Al Sayegh & Sons Co.

**Project** : Bisha (King Fahd Dam), KSA

**Job title** : QC Chemist

**Job Description** :

- Management and control of plant operation and plant laboratory.
- Working in water projects (Drinking, Dams, RO Stations, Sewage water).
- Control of Aeration Tanks oxygen percentage, RAS/WAS and belt press to get good dry sludge by check the addition of polymer in belt press sewage water project working with activated sludge process with belt press technology.
- Perform the all test on sewage water to check all parameters in range and under control.
- Submit the quality and production and KPI's reports to the plant manager.
- Prepare daily, weekly and monthly reports of water production and water analysis.
- Follow up operation of water treatment plant of various capacities including pretreatment plant, water softener, clarifier, sand filters and chlorine gas system.
- Perform all chemical and microbiology water analysis during the shift.
- Define the operating parameters necessary to achieve optimum chemical conditions for operation to maintain the integrity of the plant over the longer term.
- Site supervision of chemical cleaning operation with review of all related procedures including corrosion protection tasks.
- Maintenance and Calibration of Lab instruments and sample system analyzers.

**Dates** : From Dec. 2008 till Dec. 2014

**Employer** : Shas Co. for Water Services (one of Nestle companies), KSA

**Job title** : Shift Supervisor (Assistant Quality Manager & Safety Manager)

**Job Description** :

- RO Desalination plant (MMF, UF, SWRO / BWRO systems).
- Submit production, quality and safety report to quality and safety manager.
- Ensure the commitment of laboratory and production with the ISO (9001, 14001, 18001, 22000).
- Ensure that hazardous chemicals are handled and stored according to laboratory regulations.

- Ensure the laboratory is maintained as a safe place of work.
- Ensure environmental procedures are followed on his shift in respect of waste disposal and handling in the laboratory.
- Participate in Root Cause Analysis (RCA), Risk Assessment, HACCP, Accident Investigation, Lock-Out/Tag-Out and Disposal of Chemical Hazards Team work.
- Supervise special request samples in the water, ensuring the tests are undertaken in compliance with applicable procedures, methods, quality standards.
- Supervise equipment periodical calibration and ensure its correct and timely calibration as per plans and schedules.
- Supervise the process of applying and maintaining laboratory quality control system.
- Ensure personal safety is maintained through the application of safety procedures and laboratory safety rules.
- Monitor health and safety awareness in the shift team and correct any shortfall.
- Liaise with operations shifts leaders to establish shift laboratory requirements.
- Monitor and Control laboratory operations to ensure compliance with production requirement and QMS.
- Follow up that the organization's QMS conforms to Company, internal ISO 9001, OHSAS ISO 45001, ISO 14001 and OHSAS 18001.
- Report to senior management on the performance of QMS "results of quality audits, corrective action".
- Perform Microbiology tests for water "Coliform bacteria, E-coil, Pseudomonas, Yeast and Molds" and the confirmation tests.
- Manage the time to decreases the loss in time to meet the company objectives.

<b>Dates</b>	:	From Dec. 2003 till Dec. 2008
<b>Employer</b>	:	Starch Yeast & Detergent's Egyptian Co. – Alexandria, Egypt
<b>Job title</b>	:	Production Specialist
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Manage and evaluate machine resources to ensure productivity and minimal downtime.</li> <li>• Take action and make recommendations for the employee to improve.</li> <li>• Ensure all employees follow industry standard health and safety guidelines.</li> <li>• Determine how to use workers to meet production goals as efficiently as possible.</li> <li>• Estimate the amount of raw materials needed to meet production goals without going over the budget.</li> <li>• Approving expenses for supplies and staffing include reviewing production orders and financial reports for accuracy.</li> <li>• Increasing efficiency by make improvements in the process or by request new equipment.</li> <li>• Maintain staff by recruiting, selecting, orienting and training employees; developing persona growth opportunities.</li> <li>• Monitoring steps of the process, setting processing variables, observing control points and equipment, implementing cost reductions, developing</li> </ul>

reporting procedures.

- Implement the production plan by accomplishing work results, monitoring progress, resolving problems.
- Reporting results of the processing flow on the shift production summaries.
- Maintain quality service by establishing and enforcing organization standards.
- Ensure operation of equipment by calling for repairs.
- Maintain safe and clean work environment by educating and training employees on the uses of all control points, equipment and resources, maintain compliance with established policies and procedures.
- Resolve personnel problems by analyzing data, investigating issues, identifying solutions and recommending action.