



Ahmed Abdelgafar Elsayed Ahmed

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Professional Experience

Resources Engineering Services

09/23 - present

Chemist (Wastewater Treatment for Petroleum Industry)

Location: Ras Badran oil fields at SUCO Oil Company

- Responsibilities:
- Conduct industrial wastewater analysis for treatment efficiency.
- Supervise physical, chemical, and biological treatment processes.
- Optimize wastewater treatment plant operations to meet environmental standards.
- Perform quality control monitoring to ensure compliance with environmental and operational standards.
- Perform laboratory tests including COD, BOD, pH, TDS, ammonia, sulfide, Oil & Grease, heavy metals, and total suspended solids (TSS).

Maskoub International for Contract

01/22 - 08/23

Chemist

Location: Al-Arish Cement Factory (RO Plant 10,000 M³/Day)

- Supervised RO plant operation, ensuring optimal performance.
- Conducted chemical dosing calculations for antiscalants and disinfectants.
- Performed system normalization, chemical cleaning, and troubleshooting.
- Monitored key parameters: TDS, pH, turbidity, COD, BOD, dissolved oxygen, silica, chloride, and sulfate levels.

Modern Kobba for Textile and Printing

09/19 - 08/20

Quality control

- Responsibilities:
- Managed daily textile dyeing and printing production processes.
- Ensured compliance with quality control standards for textile finishing.
- Performed testing of dyes and printing materials to maintain color consistency.
- Conducted laboratory tests on color fastness, pH, moisture content, and viscosity of printing pastes.

Education

Suez Canal University

09/19

BSc Chemistry

Projects

Natural Removal of Heavy Metals from Water (Excellent Grade)

- Graduation Project

Personal Details

- **Date of Birth:** 12/09/1996
- **Marital Status:** Single
- **Nationality:** Egyptian
- **Military Service:** Completed
- **Languages:** Arabic, English

Training & Certifications

- Water Treatment - Engo Soft Academic
- Industrial Wastewater Treatment - Al Nasr Petroleum Company
- Oil & Gas Water Treatment & Quality Control - Suez Petroleum Company
- Laboratory Chemical Analysis - Medical Union Pharmaceutical (MUP)
- Medical & Industrial Chemical Analysis - Advanced Academic

Key Skills

- Industrial Wastewater Treatment & RO Plant Management
- Chemical & Microbiological Water Analysis
- Process Optimization & Quality Control
- Problem Solving & Troubleshooting
- Laboratory Testing & Equipment Handling
- Microsoft Office & Data Analysis
- Strong Communication & Leadership Skills