

# SALWA ALSAHLI

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## Professional Summary

Certified **Chemical Specialist / Materials Engineer** with a bachelor's degree in chemistry and hands-on experience in **materials testing, chemical analysis, and quality assurance** for infrastructure projects. Skilled in **ISO 17025 compliance, OSHA safety standards, and technical reporting**, with a proven ability to ensure compliance with engineering specifications. Seeking to leverage expertise in **laboratory testing and construction materials quality control** to support safety, compliance, and project excellence.

## Professional Experience

**APPLUS Arabia Co. – Chemical Specialist / Materials Engineer (Contract)**

Jan 2023 – Jan 2025 | Project: Ministry of Transport & Logistic Services

- Performed **chemical and physical testing** on **500+ samples of soil, asphalt, and concrete**, ensuring **100% compliance with ISO 17025 standards**.
- Reviewed and approved **contractor and supplier material submissions**, reducing rejection rates by **20%**.
- Monitored on-site material quality and provided corrective actions, ensuring projects adhered to **OSHA safety standards**.
- Delivered **technical reports and recommendations** that improved compliance and reduced non-conformance issues by **15%**.

**Arab Center for Engineering Studies – Chemistry Specialist**

Sep 2022 – Nov 2022

- Conducted **chemical analysis of soil and water samples** to verify compliance with **environmental and construction safety standards**.
- Prepared and submitted **detailed laboratory reports**, contributing to improved project quality monitoring.
- Supported the implementation of **laboratory quality management systems (ISO 17025)**.

**Al-Meshari Hospital (Internship) – Lab Technician**

Jul 2021 – Sep 2021

- Conducted laboratory tests on **100+ clinical samples**, achieving **99% result reliability**.
- Ensured adherence to strict **safety and accuracy protocols** in all testing processes.

## Education

- Bachelor's degree in general chemistry** - Princess Nourah Bint Abdulrahman University | 2017 – 2022
- Engineering Authority License** – Certified Materials Engineer

## Certifications

- Occupational Safety and Health Standards (OSHA)** | 30 Hours | 2022
- ISO 17025/2017 – Laboratory Quality Management** | 15 Hours | 2022
- Emergency Laboratory for Toxicology** | 2020

## Skills

- Materials Testing (Soil, Asphalt, Concrete)
- Quality Assurance & Control
- Chemical Analysis
- ISO 17025 Compliance
- OSHA Safety Standards
- ASTM Specifications
- Laboratory Techniques
- Technical Reporting
- Data Analysis
- Microsoft Excel | Word | PowerPoint | Outlook
- Languages: Arabic (Native) | English (Advanced)