

MOHAMMED AL-SAGEER

+966559308883 @ m.sageer1@hotmail.com www.linkedin.com/in/mohammed-al-sageer-8bb339369
Kingdom of Saudi Arabia, Riyadh

EDUCATION

Bachelor of Chemical Engineering – Environmental Engineering

Jazan Univesity

09/2021 - 05/2025 Jazan, Saudi Arabia

EXPERIENCE

Energy & Water Academy (EWA) | Rabigh, Saudi Arabia ACWA Power sponsored engineering training program

Energy & Water Academy (EWA)

07/2025 - 09/2025 Rabigh, Saudi Arabia

- Applied industrial safety principles to ensure safe operation and maintenance of mechanical systems, preventing operational hazards.
- Supported risk identification and troubleshooting in mechanical and electrical systems while maintaining safety compliance.
- Implemented preventive measures for scaling, corrosion control, and system protection to maintain operational safety and equipment integrity.
- Gained practical exposure to SCADA, integrating SIS for safety protection, DCS for process management, and PLCs for equipment automation.
- Conducted electrical fault detection and troubleshooting adhering to industrial safety procedures.
- Assisted in monitoring Reverse Osmosis desalination processes, focusing on safe operations and environmental protection.
- Participated in photovoltaic system design, emphasizing safe installation and sustainable energy solutions.

Chemical Engineering Intern

National Water Company (NWC)

06/2024 - 08/2024 Najran, Saudi Arabia

- Participated in operation and maintenance of water treatment facilities, ensuring compliance with industrial safety and environmental standards.
- Monitored water quality parameters and documented daily reports to support compliance and safe plant performance.
- Prepared technical reports and operational documentation to assist in decision-making and risk management.
- Ensured implementation of HSE protocols across multiple departments to maintain safe working conditions.
- Promoted a safety-first culture and supported adherence to health, safety, and environmental regulations.
- Contributed to initiatives to improve operational efficiency and minimize environmental impact and waste.
- Supported adoption of sustainable and environmentally responsible practices to enhance overall system performance.
- Supported adoption of sustainable and environmentally responsible practices to enhance overall system performance.

LANGUAGES

Arabic
Native



English
Proficient



TRAINING / COURSES

OSHA

Iosh

Scaffolding

Fire Prevention & Fire Fighting

Occupational Safety & Health
Advanced Diploma

Safety Management System
Operation Level FMS

Industrial Occupational Health And
Safety

Occupational Safety and Health

Desalination and Renewable Energy

Design Thinking

Introduction to Project Management

PMP Professional Preparation

Project Communication Management

Project Quality Management

SKILLS

water and wastewater treatment
processes

Design and Analysis of Chemical
Processes

Strong proficiency in health and safety
and environmental (HSE) practices

Supervision safety and quality
procedures

Proficient in engineering simulation
software (Aspen HYSYS,
MATLAB,SCADA)

Proficient in Microsoft Office suite
(EXCEL and WORD and POWERPOINT)

Strong problem-solving and decision-
making skills

Excellent teamwork and communication
abilities