

YASSER GHUSN ALGHUSN

Quality Control Technician | Environmental Laboratory Analyst | Laboratory Safety Specialist

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 - City: Riyadh, Saudi Arabia
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Chemistry graduate with strong expertise in quality control, environmental testing, and laboratory safety protocols. Proven ability to apply scientific principles to enhance environmental monitoring, water quality testing, and compliance with ISO standards. Known for critical thinking, precision, and proactive problem-solving within laboratory and environmental contexts. Committed to continuous improvement and sustainable practices.

EDUCATION

Imam Muhammad Ibn Saud Islamic University – Riyadh, Saudi Arabia
bachelor's degree in chemistry | February 2025

GRADUATION PROJECT | NANOTECHNOLOGY & ENVIRONMENTAL APPLICATIONS

Design and Synthesis of Eco-Friendly Nanomaterials – Imam Muhammad Ibn Saud Islamic University, 2025

- Designed and synthesized eco-friendly nanomaterials aimed at developing sustainable water purification solutions.
- Applied nanotechnology techniques to purify contaminated water in line with green chemistry standards.
- Conducted experimental trials and scientific analysis to assess the effectiveness and safety of the developed nanomaterials.
- Presented findings and successfully defended the project before a specialized academic panel, achieving measurable reductions in water contaminants and contributing to advancements in sustainable environmental practices.

PROFESSIONAL TRAINING COURSES

- **General requirements for the competence of testing and calibration laboratories (ISO 17025)**
 - Masarak Training Academy | 2025
- **Office Applications in Quality Systems (TAONQ)**
 - Al-Zarqa Advanced Institute for Training | 2025
- **Food Safety Management System Requirements (ISO 22000:2018) and Critical Control Points (HACCP)**
 - Al-Zarqa Advanced Institute for Training | 2024
- **Desalination Methods and Analysis (MEWA Standards) and Sample Withdrawal (GSO Standards)**
 - Al-Zarqa Advanced Institute for Training | 2024

SKILLS

TECHNICAL SKILLS

- Precision Chemical & Environmental Analysis
- Quality Assurance & ISO Compliance (ISO 22000, HACCP)
- Environmental Monitoring & Sampling Procedures
- Laboratory Equipment Operation & Calibration
- Water Quality & Desalination Testing
- Nanomaterial Engineering & Green Chemistry
- Laboratory Safety & Chemical Hazard Management
- Experimental Data Management & Reporting

PERSONAL SKILLS

- Exceptional Attention to Detail
- Strategic Problem-Solving
- Advanced Scientific Communication
- Proactive Time Management
- High Adaptability to Emerging Technologies
- Dynamic Team Collaboration
- Strong Commitment to Professional Growth

LANGUAGES

- Arabic (Native)
- English (Professional proficiency – completed an English Language Program at San Francisco State University)