

Ibrahim Aldhalea

Mechanical Engineering

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Professional Summary

Mechanical Engineering graduate with practical experience in maintenance and a strong interest in troubleshooting and problem-solving. Known for being a fast learner and highly motivated to develop new skills. Eager to contribute to a team environment, apply engineering knowledge to real-world challenges, and grow within a dynamic role.

Experience

Mechanical Maintenance Engineer

July 2024 to August 2024

Qassim Cement Company - Buraydah, Qassim region

- Followed safety protocols while working with moving parts or hazardous materials.
- Adjusted settings on machines to optimize performance levels.
- Assisted in installation of new equipment to ensure proper functioning.
- Trained personnel on proper use of machines and safety procedures.
- Conducted root cause analysis on mechanical failures to identify underlying issues and solutions.

Education

Bachelor of Science (B.S.) : Mechanical engineering , August 2024

Qassim University - Qassim

Relevant Coursework

- Thermodynamics
- Manufacturing Processes
- Machine Design
- Mechanics of materials
- Heat Transfer

Extracurricular Activities

- Active student Club Member

Technical Skills

- HVAC System Design and Analysis
- Mechanical systems understanding
- Equipment maintenance and repair
- Mechanical system design
- Root Cause Analysis
- Systems Analysis
- CAD Software (AutoCAD,Solidwork)

Soft Skills

- Communication
- Critical Thinking
- Teamwork and Collaboration
- Problem-solving abilities
- Time management abilities
- Adaptability and Flexibility

Graduation project

Final Project: Design of a Hydrogen Storage System for Solar Energy.

I explored hydrogen storage as a sustainable alternative to traditional batteries for solar energy storage. This solution enables long-term energy retention with lower environmental impact and reduced waste, offering a viable option to conventional systems.

Languages

- **Arabic**
Native
- **English**
Intermediate