

# BADER HAYTHAM AL-YAHYA

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## Professional Objective

I seek a job opportunity in the field of refrigeration and conditioning through which I develop my practical skills and apply my academic knowledge in the design and maintenance of systems, while contributing to raising efficiency and quality and achieving the goals of the facility

## Education

**Diploma in Refrigeration and Air Conditioning - College of Technology - Saudi Arabia, Dammam**  
Covering the following areas:

- Read electrical and mechanical diagrams of refrigeration and air conditioning systems.
- Detection and repair of refrigeration and air conditioning circuit failures
- Shipping and recovery of Freon refrigerant media according to environmental standards.

## Work Experience

### Cooperative Training - Arnon Plastic Industries Company

- Diagnosing and repairing faults in industrial cooling systems such as: Chillers, Package Units, and Centrifuges.
- Inspecting and adjusting Freon levels and pressure to comply with specifications.
- Handling leaks in flexible refrigeration hoses and replacing damaged connections.
- Cleaning condensers and central air conditioning units from dust and rust to improve heat exchange efficiency.
- Inspecting and replacing bearings, electrical capacitors, and control boards.
- Recalibration systems and monitoring their performance to ensure stable and effective operation.

### Preventive Maintenance and Performance Improvement Procedures

- Treating rust in tanks and providing recommendations for a periodic maintenance schedule to prevent future malfunctions.
- Testing operating pressures and temperatures to ensure compliance with technical standards.
- Monitoring the system after repairs to verify there are no leaks or recurring faults.
- Washing internal and external cooling units to remove accumulated dirt and ensure proper airflow.

### Acquired Skills and Results

- Technical Skills:
- Using precise diagnostic and maintenance tools to pinpoint the location of faults.
- Applying occupational safety standards and the ability to work in real industrial environments.
- Replacing damaged parts and documenting completed work with reports and photos.

## Languages

- Arabic
- English