



## **RESUME**

**NAME: Khalid Iqbal**

ADDRESS: Exit-18 Istanbul Road Al Meshail Near Al-Fozan Masjid  
Riyadh KSA

Iqama Status: Transperable

Membership Status: Valid Saudi Council of Engineers

Driving Licence: Valid Ksa Driving Licence

**CELL:** (+966) 0590253301

E-mail: **khalidiqbal632@gmail.com**

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### **Professional Values**

- Mechanical engineer with 6 years' experience in mechanical system for the detailed design & execution of HVAC Plumbing & Fire Fighting Systems.
- Possess in depth knowledge of proposal and planning, detailed HVAC design Of HVAC load calculation, ventilation calculation, ducting and piping layout, creating drawings, issuing BOQ, equipment selection, site supervision, Quantity surveying, Billing & verification, coordination & field engineering.
- Strong technical expertise of ducting, CHILLERS, AHU, FCU, pipe supports, valves, related components in related to construction, planning, fabrication, erection, welding, inspection and hydro testing.
- Talented at managing multi-cultural team members and developing high performance teams.
- Will also be expected to resolve most problems exercising discretionary judgement and analysis even in the most complex situations.

### **Experience**

1. Worked as **Mechanical Engineer** in **Thabat Company** from 2024 to 2025
2. Worked as **Mechanical Engineer** in **Rezayat Company** from 2020 to 2023
3. Worked as **Project Engineer** in **Windmason Company** from 2018 to 2020

### **Project Executed in HVAC**

1. **Armed Forces Medical Services**  
Location: Riyadh, Saudi Arabia

Capacity: 3000 TR (Air Cooled Chillers)

**2. Riyadh Hospital Near Abdullah Road**

Location: Riyadh, Saudi Arabia

Capacity: 2500 TR (Air Cooled Chillers)

**3. King Salman Naval Base**

Location: Riyadh

Capacity: 1500 TR (Air Cooled Chillers)

**Qualification**

- High Secondary School Certificate (HSSC) from **Peshawar Public School and College, Peshawar.**
- Bachelor of Mechanical **Engineering** from **University of Engineering and Technology Peshawar.**

**Additional Qualification**

- **Diploma in HVAC Fire Fighting & Plumbing Systems Designing & Installation** from **SM TECHNO ENGINEERS, Hyderabad.**
- Diploma in **AutoCAD 2D/3D** from **SM TECHNO ENGINEERS.**
- **Diploma** in FEA & CFD Simulation From DICE Automotive Centre Karachi.

**RESPONSIBILITIES HANDLED AS A MECHANICAL ENGINEER:**

- Work as a MECHANICAL ENGINEER in Erection of VRF, AHU, CHILLER PIPE LINE, CASSETTE UNIT connection.
- Get approved HVAC Shop Drawings, MEP- Coordination Drawings, Bill of Quantities, Technical Submittal and Project Specification from Design Departments.
- Ensure all MEP installations comply with relevant laws, regulation, and codes, including safety standards.
- Arrange the labors for erection of duct and pipe insulation with the approved layouts drawing.
- Review MEP design documents and shop drawings for compliance with codes and regulations.
- Arrange proper tools and equipment's like Sheet Metal Cutter, Spanner, Sheet

metal hammer, Screw driller, etc. for installation of duct to the work force and follow up the progress of the work.

- Coordinate with the manager regarding the progress of installation in site.
- Arrange and ensure the HVAC Ducts, Fittings, Accessories and Chilled Water Pipes, Fittings, Accessories are available and approved by the Client and ensure sufficient Hand tools, Power tools, Ladder and Scaffolding are available for installation.
- Monitor the installation process of MEP systems, ensuring that they are installed correctly and function as intended.
- Provide approved HVAC Shop drawing, MEP Co-ordination Drawing to Contractor, Site Supervisor and Foreman from the design department and coordinate for the shifting of the materials to the site.
- Closely monitor site activities to ensure quality of the work is in compliance with approved shop drawing and Specification and get daily progress report from site supervisor (or) foreman and Update to Project Manager.
- Ensure that all materials and equipment needed for MEP installation are available on site and are of the specified quality.
- Preparation of final Test Reports, as built drawings, Operation & Maintenance manual and handing over documents of the Project to Client.
- Report the availability of the Materials in site and if required materials to be listed and inform to Project Manager to arrange the materials for Continues work
- Resolve any technical issues or conflicts that arise during the installation of MEP systems.
- Oversee the day-to-day operations on the construction site, ensuring that MEP installations are carried out according to specifications and standards.
- Reporting about the status of the Materials of Receiving, Unloading and Shifting to the Store.

#### **RESPONSIBILITIES HANDLED AS A PROJECT ENGINEER:**

- Conducting meetings with Consultants, Clients and Contractors for reviewing project progress, design and delivery targets/issues and preparing consolidated reports.
- Check Sub-contractor work in compliance with project.
- Preparing weekly, monthly summery sheets and close out reports to submit to Project manager for updating all the site activities.
- Identify and communicate all schedule deviations and potential problems. Work closely

with project control personal to monitor the schedule.

- Mobilize & controlling of manpower, equipment and materials at site. Ensure condition of all equipment and if require make necessary preventive maintenance.
- Preparation and Monitoring of project schedule & project trackers for Shop drawings, Material delivery & work progress of HVAC Projects.
- Coordinating with other facility providers to ensure smooth completion of project in time without any rework.

### **Declaration**

I hereby declare that the above information and particulars are true to the best of my personal knowledge and belief.

**Place: Riyadh,KSA**

**Date: 05\03\2025**

**(Khalid Iqbal)**