

# Nawaz Khan

## Technical Engineer (Dept. Mech)

To seek a challenging and interesting job that encourages creativity and provides exposure to new technology to achieve professional and personal growth with the organization in the field of construction industry.



### Work History



2022-NOV  
to  
Current

#### Lead Technical Engineer

##### Energy & Building Masters ( Fire and Smoke curtain & Electromechanical Products)

(Dist. # 3919 Makkah Al Mukarramah Rd, Ar Rabwah, Riyadh 12813)

##### Job responsibility: (Pre-Sales) Technical Engineer

- Reviewed the tender documents such as the scope of work, drawings, BOQ, Project specification, client requirements and others.
- Selection of Electro Mechanical systems like (Fire Curtains, Fans, Air Curtains, Pumps, Heat exchanger) Etc.
- Prepare technical queries such as drawings, specifications, and BOQ.
- Responsible for material take-off (MTOs) when required and cross-checked the quantities with tender BOQ and drawings.
- Develop inquiries for each mechanical system such as HVAC, Fire Curtains, as per the Tender BOQ and drawings.
- Prioritized RFQs that required more time to get quotation and long lead items.
- Prepared & send RFQs for all the items to the approved suppliers to obtain required quotations.
- Followed up with the suppliers to obtain a quotation on time, clarify to all their queries and met with the supplier when required.
- Technical evaluation of supplier quotations as per tender requirements.
- Priced material cost of each BOQ item in the price comparison sheets by using the quotations.



### Contact

#### Address

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#### Phone

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#### E-mail

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### Skills

Compliance reviews



Very Good

Requirements management



Very Good

Technical consulting



Very Good

Field consulting



Very Good

Technical Documentation



Excellent

### Job responsibility: (Post-Sales) Technical Engineer

- Responsible for documentation work such as Submitting to client for PQD (Pre-Qualification), Material Submittal, Shop and As-build Drawings approvals and others.
- Coordinating with site team for team plan and making workflow instructions to complete the project on time.
- Worked on following documentation such as MST (Method of Statement), ITP (Inspection Testing Plan), ICL (Inspection Check list), MIR (Material Inspection Request), MAR (Material Approval Request), WIR (Work Inspection Request), FAT, SAT, and Pre & Post installation Testing and Commissioning.
- Followed up with the contractor DCC (Document Control) to get approvals on submitted documents.
- Coordinated with the accounts to clear invoice.
- Responsible for handover the project.

#### Project Handled:

##### Great Mosque of Mecca, Pedestrian Tunnel – T2

**Project Estimation:** 8 million (SAR)

**Contractor:** SBG

**Product:** Smoke Curtain (Coopers Fire-UK)

**Description:** A smoke curtain designed, Tested and Installed in a 900 mt long tunnel, Smoke curtain is divided into zones and flushed with Ceiling.

##### Great Mosque of Mecca, Royal Corridor

**Project Estimation:** 100k (SAR)

**Contractor:** SBG

**Product:** Fire Curtain (Coopers Fire-UK)

**Description:** A Fire curtain designed, Tested and Installed at the Shop. Where Fire Curtains where it is installed at the face of shop located at ground floor.

##### Riyadh Metro Transit Consultants (RMTc) – 1A1 Station

**Project Estimation:** 2 million (SAR)

**Contractor:** BACS

**Product:** Smoke Curtain, Fire Curtain, and open and closed concertina (Coopers Fire-UK)

**Description:** A curtain designed, Tested, and Installed at elevator, lobby and basements and other.

Note: the above are major projects worked on.



## Software

AutoCAD

Excellent

Office 365

Excellent

SOLID WORKS

Good

Primavera P6

Average

Revit

Average



## Language

English

Excellent

Arabic

Average



## Products



Kelvion



### Project Ongoing:

Great Mosque of Mecca, Haram Expansion BY SBG.

1F4 Station BY BACS.

SAB TOWER.

Other.

## HVAC Projects Engineer

Mitsubishi Heavy Industries,

Building, 4th Floor, Malik Car Street, No.3, Himayat Nagar Rd, Koti, Hyderabad, 500029.

- Prepared reports and studies to resolve open technical issues.
- Developed instrument diagrams, formal calculations, and equipment datasheets.
- Designed HVAC systems and specified components for successful installation and operation.
- Helped maintenance and building engineers make accurate assessments and repair plans for HVAC systems.
- Drafted system and equipment designs using CAD software.
- Planned multiple VRF projects from beginning to end, focusing on timelines, budgets, and mechanical feasibility.
- Interfaced with suppliers, inspectors, and clients to resolve outstanding non-conformance issues prior to shipment.
- Performed tests and inspections to conform to established standards.

2017-JUNE  
TO  
2022-JUNE



## Education

2012 to 2016

### Bachelor of Technology: Mechanical Engineering

Al Habeeb College of Engineering & Technology.

Ranga Reddy Dist, Hyderabad, Telangana.

1ST Class pass - CGPA 8.5



2010 to 2012

### Board of Intermediate: MPC

Ratna Junior Collage

Hyderabad, Telangana.

1ST Class pass - CGPA 6.5



2003 to 2010

### Board of Secondary: SSC

Sri Sai High School

Hyderabad, Telangana.

1ST Class pass - CGPA 9.0





## Certifications



- 2021** Trained on AutoCAD for MEP Systems - Taiba Institute MEP, Hyderabad, India.
- 2021** Trained on Revit MEP - Taiba Institute MEP, Hyderabad, India.
- 2022** Trained on Primavera - Canter CADD, Ameerpet, Hyderabad, India.
- 2025** Project Management -PMP exam Preparation from ITECH Guru, Hyderabad, India.



## Personal Information

**D.O.B** : 12-05-1993  
**Gender** : Male  
**Father's name** : Jaffar Khan  
**Marital Status** : Married  
**Languages known** : English  
**Passport number** : P7374693  
**Iqama** : 2522855432

## Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place:

Nawaz Khan

Date:

(Signature)