

MOHAMMED FAIYAZ BABA

B.E (Mech)

Cell No: 0571680169

Iqama Status : Transferable

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Seeking a challenging opportunity as a Mechanical Engineer.

EXPERIENCE OVERVIEW:

Experienced project/construction management professional with four years of expertise in MEP work within the building construction industry. Skilled in the execution of HVAC and firefighting systems, with additional exposure to plumbing.

EDUCATIONAL PROFILE & CERTIFICATIONS:

- ❖ **Mechanical Engineering (Visveswaraya Technological University (VTU) Belgium, India (2015-2019).**
- ❖ **Design and drafting course from Taiba engineering Consultants, Hyderabad**

Career Time line:

1. **V.K Building services, Hyderabad, India** – From Sep 2019 till Feb 2022 Working as Asst Project Engineer.
2. **Equipment & Technical Services, Riyadh, KSA** – May 2022 till date Working as a Project Engineer.

Scope includes:

Proficient in executing and supervising firefighting systems, HVAC systems encompassing chillers and VRF systems, along with extensive experience in plumbing works

Projects Executed:

- Employed at V.K Building Services, under the aegis of Shapoorji Pallonji Engineering & Constructions, at the Telangana Police Headquarters in Hyderabad, India.
- Worked at Gowra Fountain Head in Hyderabad, India.
- Worked at the General Authority of Civil Aviation in Riyadh, Kingdom of Saudi Arabia.
- Saudi Electricity Substations in Riyadh, Kingdom of Saudi Arabia
- Substations Completed – 8138, 8154, 8283, 8382, 8387, 8388, 8389, 83890, 8386, 8242, 8171

RESPONSIBILITIES:

- Obtained approval for HVAC Shop Drawings, MEP-Coordination Drawings, Work Method Statements, and Project Specifications from the Project Manager.
- Conducted comprehensive reviews of technical drawings, documents, and revisions to ensure thorough understanding.

- Ensured compliance of technical material submittals with project specifications.
- Quantified approved items and submitted comprehensive quantity reports to project management.
- Collaborated with procurement and planning departments to define materials required for project execution, providing technical support for material selection.
- Facilitated availability and inspection approval of HVAC ducts, fittings, accessories, and chilled water pipes prior to installation.
- Coordinated with other disciplines to ensure site clearance for HVAC activities.
- Organized adequate manpower, including supervisors, foremen, and teams, ensuring adherence to safety protocols and provision of proper personal protective equipment (PPE).
- Provided approved HVAC Shop Drawings and MEP Coordination Drawings to site supervisors or foremen, facilitating material transfer from warehouse to site to prevent delays.
- Liaised with design department for drawing preparation based on site measurements.
- Notified Quality Control personnel before HVAC activities commenced to ensure quality workmanship.
- Oversaw site activities closely to ensure compliance with approved drawings and specifications, providing daily progress updates to the Project Manager.
- Incorporated client variations and instructions into construction issue drawings as directed by the construction team.
- Prepared relevant documents for inspection of completed installation activities and raised Requests for Inspection (RFIs) to QC Inspectors.
- Conducted planned site inspections as per intervention points marked in relevant drawings and standards.
- Prepared documents for testing inspections such as Duct Light Testing and Hydro Testing for chilled water piping systems.
- Coordinated with contractors to monitor progress at the site.
- Obtained approvals for site measurements from Project Management Consultants (PMC) or clients.
- Collaborated with project managers for invoice preparation and submission.
- Prepared project handover documents and facilitated project handover.
- Developed schedules for manpower, quantity progress, and performance reports.
- Installed major HVAC equipment including chillers, AHUs, FCUs, cooling towers, and chilled water pumps.
- Installed ventilation systems, toilet exhausts, smoke exhausts, and fresh air systems.
- Installed pressurization systems for staircase and lobby areas.
- Installed ducting, insulation, and air flow control devices.
- Implemented wall acoustic works in AHU rooms.
- Interfaced with quality engineers, consultants, and inspectors for service approval and testing and commissioning of HVAC systems.
- Coordinated with commissioning agencies, specialists, suppliers, and subcontractors for installation and commissioning of services/systems.
- Assisted the commissioning team in pre-commissioning stages of all the equipment.

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- Prepared valuation of progress works, raised variation claims, progress payments, and invoices.
 - Adhered to the latest approved documents and implemented Inspection Test Plan (ITP) requirements and Project Quality Plan (PQP).
 - Prepared closeout documents such as built drawings, operation and maintenance manuals, and provided end-user training.

COMPUTER SKILLS:

- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)
- Skilled in using Google Workspace (Docs, Sheets, Slides)
- Familiar with email communication platforms (Outlook, Gmail)
- Experienced in using web browsers (Chrome, Firefox, Safari)
- Basic knowledge of operating systems (Windows & macOS)
- Competent in file management and organization
- Ability to troubleshoot the Fire alarm system.
- Comfortable using social media platforms for professional purposes

PERSONAL PROFILE:

Date of Birth	01/03/1997
Marital Status	Unmarried
Nationality	Indian
Passport No.	T 7759307