

CURRICULUM VITAE

MOHAMMED FAROOQUDDIN

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Visa status: Visit visa/NOC available.

Doha, Qatar.



(MECHANICAL ENGINEER)

CAREER OBJECTIVE

To pursue a challenging career and to be a part of progressive organization that gives me scope to enhance my knowledge and skill in order to cope with latest technology.

TECHNICAL SKILLS

- Capable of Designing & Drafting MEP Systems for Construction Industry.
- Expert in Mechanical (HVAC) Installation, Maintenance and Safety.
- Able to Design HVAC System, Electrical System, Plumbing and Firefighting Service for any given project.
- Capable of working on International (Gulf) Projects.
- Capable in AutoCAD drafting & Shop Drawing for MEP Systems.
- Expertise in all editions of windows & MS Office.
- Capable of handling Revit-MEP Projects as well.

EXPERIENCE & RESPONSIBILITIES (3 years):

PROJECT - 1. ZOI HOSPITALS, ATTAPUR, HYDERABAD, INDIA: (2016 to 2018)

Worked as a **M.E.P Project Engineer** for **B.S.D.E – Building Services Design Engineers**, Hyderabad, India.

JOB RESPONSIBILITIES:

- Achieve a detail understanding of the contract documents, IFC (Issued for Construction) drawings issued by the consultants and then supervising it to my zone's site engineers, so that they could execute the plan in a flexible way.
- Reviewing and coordinating the projects with the project manager, main contractor including client as well.
- My work includes Supply, Installation, Testing & Commissioning of M.E.P systems and developing cost saving ways for the project without compromising the quality.
- Verifying the heat load calculations (HVAC) of a particular zone manually by thumb's rule. (Or going through the E-20 and HAP (Hourly Analysis Program), if time allows.)
- Responsible for updating the project plan of the refrigerant pipes (HVAC), water pipes (Plumbing & Firefighting), and HVAC ducts from a patented schematic circuit designs in AutoCAD.
- Validating design issues related to MEP and suggests alternative solutions.

- Logging and posting all MEP changes and as-built information on field drawings.
- Directing, monitoring and controlling the activities of MEP Subcontractor.
- Ensuring that MEP Subcontractors adheres to Project safety regulations and working as per the specifications.
- Review Approved Material submittals and construction schedules to ensure Installation quality.
- Expediting and Warehousing the tools and materials and submitting Mill Test Certificate (MTC) to the client.
- Coordination and administration of MEP related materials, systems and shop drawings submittals.
- Attend consultant/client meetings; provide regular updates both to the projects manager and internally through the document control system.
- Planning of work before to meet agreed deadlines.
- Preparing Daily or weekly work progress reports as required.
- Resolving any unexpected technical difficulties and other problems that may arise on site.

PROJECT - 2. RESIDENTIAL APARTMENT, NILES VALLEY, HYD, INDIA: (2015 to 2016)

Worked as a **Mechanical Project Engineer** for **B.S.D.E – Building Services Design Engineers**, Hyderabad, India.

HVAC (MECHANICAL):

- Designing the head load calculation manually from E20 and HAP (Hourly Analysis Program).
- Executing all types of HVAC systems including Chilled water system.
- Duct routing, Duct Sizing, Chilled water pipe sizing, Chilled water pump calculation.
- Preparation of Ducting & Chilled Water Piping Layout single line diagram (SLD) on AutoCAD.
- Preparation of Bill of Quantity, for the Material like Ducting, Grills & HVAC equipment.
- Planning & Scheduling of work and completing the work according to it.
- Supervising the Site Engineer, Foreman & alternative visiting the sites.
- Making the report of project (weekly & monthly basis) and submitting to the Project manager.
- Maintaining all the required documents, drawing, and notes which are needed on specific time.

PLUMBING:

- Water supply & Drainage system designing and calculation, pressure drop.
- Pipe sizing calculation for water supply & Drainage pipes.
- Pump Head calculation and selection of pumps.
- Preparing single line drawing and layout for water supply and drainage systems.
- Specifications for all fittings like valves, pumps, pipes, types of pipes and Storage Tanks.
- Preparing single line drawing and layout for firefighting pipes and Fire Alarm cabling.

FIRE FIGHTING:

- Designing of Fire Fighting system for various Projects includes Commercial Building, Residential Flats.
- Fire-Fighting hydraulic calculation, head loss and pump head calculation for commercial Building.
- Aware of Fire Fighting Design Regulations, Local & International Standards which includes NFPA (National Fire Protection Association).
- Handled Site Execution & Documentation Works of Fire Fighting System.

Hands On:

ELECTRICAL:

- Maximum demand estimation and deciding voltage load in specified zone.
- Selection of transformer capacity and number with necessary metering and protection.
- Preparation of detail main single line schematic drawing.
- Short circuit & voltage drop calculation at each level of distribution.
- Selection of High Tension/Low Tension switches gear based on breaking, making & short time capacity.
- Selection of HT/LT cables based on thermal, short circuit & voltage drop based capacity.
- Preparation of GA (General Arrangements)/sectional drawings, HT & LT switch board and bus bar sizing.
- Design of Earthing & Lighting protection system.
- Design of fire-safety in substation, cable trenches & other parts of electrical system.
- Preparation of power & control cable schedule.

EDUCATIONAL QUALIFICATION

- ✓ Bachelor of Engineering (B. Tech) in **MECHANICAL ENGINEERING** from “Vijay Rural Engineering College” (*Affiliated Jawaharlal Nehru Technological University Hyderabad*) and got placed **first class with distinction (80.65%)**.

PERSONAL SKILLS

- ❖ Ability to rapidly build relationship and set up trust.
- ❖ Confident and Determined.
- ❖ Ability to cope up with different situations.
- ❖ Ability to handle pressure.
- ❖ Positive attitude.
- ❖ Dedicated towards my job.

PERSONAL DETAILS

❖ Name	:	Mohammed Farooquddin
❖ Father's Name	:	Mohammed Naseeruddin
❖ Date of Birth	:	12-08-1994
❖ Passport no.	:	M5374717
❖ Nationality/Religion	:	Indian / Muslim
❖ Languages Known	:	Hindi, Urdu, English, Telugu and Arabic
❖ Permanent Address	:	India.

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.

(Mohammed Farooquddin)