ZAINUDHEEN

**Email:** **zainudheen.390235@2freemail.com**

**Qualification : Bachelor of Mechanical Engineering**

**Total Experience : 4 year 10 months.**

**Key skills : Designing, AutoCAD, Estimation, Project Execution, MEP, HVAC**

**Fire fighting, Plumbing, Coordination, Procurement, MS office.**

**CAREEROBJECTIVE**

To work in a Mechanical engineering field for contracting/consulting firm where I can utilize my technical skills and qualities for personal growth and benefit of the company.

**PROFILE SUMMARY**

* A competent individual with Total 4 to 5 Year Experience.
* Bachelor’s Degree in Mechanical Engineering**.**
* Proficient in AutoCAD, MS office
* Review and study of Tender Documents, Technical Specification, Vendor list, Design Drawing, and BOQ’s
* Well versed with ASME/ASHRAE/SMACNA/NFPA codes and standards.
* Design, installation of HVAC andFire Protection system.
* Heat load calculation using E20 form, HAP software and ASHRAE/ISHRAE standards, Ventilation Requirements, Duct and pipesizing, fan Static Pressure, Pressure loss, Water and air flow rate, Pump Head calculations, Hydraulic calculation, Efficiencycalculations, Selection of Equipments , chillers, pumps, Ducts, Pipes, sprinklers, Air Terminal etc
* Certification and intensive training in Piping design and engineering (ASME B31.3) , NDT Level 2 and HVAC Design.

**WORK EXPERIENCE**

**July 2017 to Nov 2018 Mechanical Engineer.Mvak Engineering solutions pvt ltd, Bangalore, India.**

Review and study of BOQ, Technical Specifications, vendor list and Design drawings(Architectural, Structural, MEP)

Raising inspection request, RFI, material inspection request.

Liaising with all other MEP services for issues and solving critical problems Prepare the Material submittal schedule.

inspect all the materials and work done according to specifications and standards,

Detailed study and site implementation of HVAC and Fire protection system

Full involvement in enforcing Safety procedures at site with site safety team of main contractor.

Prepare daily, weekly and monthly reports and logs.

***Projects***

Installation of HVAC and Fire Protection system for G+6 multi storey building.

**Dec 2015 to May 2017HVAC EngineerAl bayader Electromechanical Works LLC, Dubai, UAE**

Coordination with consultant, client, Main Contractor & sub contractors to meet the Progress of the project.

Submit Shop Drawings, Material submittal, MEP- Coordination , Builders work, As-built drawings, etc.

Full involvement in Raising inspection Request, Material inspection, CVI, RFI and get approval from consultant.

Review and study of BOQ, Technical Specifications, vendor list and Design drawings(Architectural, Structural, MEP)

Review and study of baseline program and perform work according to the schedule.

Prepare Weekly project Progress Report and Submittal Logs.

Liaising with all other MEP services for issues and solving critical problems.

Prepare Equipments Technical data schedule.

Preparation of variations for the additional scope of work.

Full involvement in enforcing Safety procedures at site with site safety team of main contractor.

Involved in material Procurement and ensure that all material received at site to be as per approved material submittal.

***Projects***

Installation of HVAC system for,

2B+G+19 Hotel Building, Business bay, Dubai (Chilled water units )

G+3 Retail shops ,staff accommodation Building , Al Quoz , Dubai (DX type System)

**November 2013 to November 2015 Mechanical site EngineerExpo Engineering pvt .ltd , Mumbai, India**

Review of tender document including the scope of work, specifications, bill of quantities, drawings.

Raising inspection request, RFI, material inspection request.

Prepare project Progress Reports, Materials list

Check with Foreman for the status of work and report the same to project engineer.

Liaising with all other MEP services for issues and solving critical problems Prepare the Material submittal schedule.

FullinvolvementinenforcingSafetyproceduresatsitewithsitesafetyteamofmaincontractor.

***Projects***

G+7 residential and commercial Building.

G+5 residential building.

**EDUCATION**

**Bachelor of Engineering in Mechanical Engineering (2009 – 2013)**

**Visvesvaraya Technological university, Belgaum, India**

**TRAINING AND CERTIFICATION**

* Piping design and engineering ASME B31.3
* ASNT NDT Level 2

Liquid penetrant inspection(PT), Magnetic particle inspection(MT), Ultrasonic inspection(UT), Radiograpic inspection(RT)

* HVAC design as per ASHRAE, SMACNA, ISHRAE standards

**SOFTWARE SKILLS**

AutoCAD, MS office, Hourly Analysis Program, Mcquay Duct Sizer, Mcquay Pipe Sizer, Primavera P6.

**PERSONAL DETAILS**

Date of Birth  **:**  30th Oct 1989

Gender **:** Male

Marital status **:**  Single

Nationality **:** Indian

Linguistic Ability  **:** English, Hindi, Malayalam, Arabic(Basic)