

MOHAMMED MUQUEEM UDDIN

Mobile: 00971-0558032632 (UAE).

E-Mail: mohammed.mqm.engg@gmail.com



Areas of Expertise:

- High-Rise buildings (MEP),
- Urban Development projects,
- HDD (Horizontal Direct Drilling),

Executive Synopsis

- An ambitious, diligent, result oriented and experienced professional offering lucrative and well around vocation of **14 Years.** in a wide spectrum of **Project Management** with Prestigious Organisation & **MEP Project Engineer/ MEP INSPECTOR** with sound experience in Site Supervision & execution), specialised in building services – **MEP** (HVAC, PLUMBING & FIRE FIGHTING) for residential, commercial, Five Star Hotels, Offices, High-rise building, Gained good experience & knowledge during my tenure of work as contractor & MEP consultant in construction line of business.

Technical Knowledge at a Glance

MEP Site Execution for the following:

- **HVAC:** Following ASHRAE & CARRIER codes, District cooling plant, Duct Sizing, ventilation calculations, chilled water pipe sizing , chilled water pump head calculations, AHU and fans ESP calculations , Material Review , Equipment Selection (Heat Exchangers ,Chiller , AHU, FCU, Fans , pumps), Testing & commissioning forms and procedure.
- **Plumbing:** Material selection and Shop drawings approval for water supply system, drainage, Pump Head calculation for Booster/Transfer/Hot Water/Submersible pumps, Capacity Calculations for Domestic and Fire water tank, Electric water heater. Pipe sizing for drainage and water supply pipes.
- **Fire Fighting:** Installation of Fire Fighting system, Clean Agent System (FM 200 / Novec-1230) & Fire Alarm detection System

Trainings & Certifications

ON-SHORE: Building Construction

- Design, Erection and Maintenance of “HVAC, Plumbing and Fire Fighting Systems” from Technolco Institute of HVAC, Hyderabad, Andhra Pradesh, India

Professional Experience

Company: M/s Arish Engineering and Co. Hyderabad, Since 2017 – Feb 2024

Designation : Project Engineer - MEP
Client : Siemens limited.
Contractor : Arish Engineering and Company
Projects : Commercial high rise building projects in Hyderabad follows My Home Tridasa Tellapur Project, TPHQ Jubilee hills project new commissioner head office, Jayabeheri Trendset project Kondapur, LIB two towers project , Praga Mall project Musheerabad, GMR project Airport, TCS Project Adibatla.

Company: M/s-RawabiFayfa co. Since 2014 –2017

Designation : Mechanical superintendent with CODE: - 01 (MEP)
Client : Royal Commission for Jubail and Yanbu.
Consultant : M/s Bechtel.
Contractor : M/s RawabiFayfa Co.
Project : Development of Khalid & Al-Masjeed Road .contract No. 531-C60

Company: M/s ABV -- EMCO WLL Joint Venture

February 2012- November 2013

Designation : Project Engineer- MEP
Client : Kingdom of Saudi Arabia, Ministry of Higher Education, King Saud University.
Consultant : M/s Saudi Diyar Consultants.
Contractor : M/s ABV- EMCO WLL Joint Venture.
Project : University Endowment.

Company: M/s. Vighneshwar Air Conditioning Pvt. Ltd. (Blue Star),(Hyderabad, India)

Designation: Site Engineer.

March 2009 to January 2012

_____ Main Key Responsibility Areas (KRA's) _____

As PROJECT ENGINEER-MEP / MEP INSPECTOR

- Preparing material submittals and follow up with client / consultants for the response.
- Creating ITP (Inspection Test Plan) as per the project specifications & Client Requirement.
- Preparing WIR (Work Inspection Plan) once the work is done on site and after the inspecting internally to confirm all the installation is done by site team is in accordance with the project specification & requirement.
- Preparing MIR (Material Inspection Request), once the material is delivered to store / warehouse.
- Assuring material received on site is complying with the project specification & standards.
- Making random inspection on site to ensure the work is ongoing in compliance with the quality plan and the material being used is the approved and inspected one.
- Handling all documentation related with the quality aspects of Mechanical activities.
- Overseeing quality control , health and safety matters on site and ensure that construction is as per safety plan
- Coordinating for all the disciplines and giving proper guidance to execution teams.
- Conducting weekly quality progress meetings with the site team.
- Ensure that the contractor is following safety procedures.
- Inspect installations and construction and provide feedback to the quality to ensure compliance of the installation with the design drawings
- Inspect the Site deliveries (Installed) constructed work to ensure compliance with the shop drawings, Specifications and provide feedback to the quality.
- Issued field observation report and NCR – Non Conformance Report.
- Witness testing and Commissioning of Mechanical Installation in order to ensure that the systems are achieving their intended performance.
- Snag outstanding / defective minor work for contractor to action.
- Coordinate and direct the mechanical contractor in coordination with other services and finishes.
- Conduct inspection of all HVAC materials, Equipment, Site construction activities, testing – Adjusting & Balancing of HVAC System as per applicable standards.
- Inspection on ducting, lining, Insulation of the Air – Conditioning systems.
- Responsible for all plumbing, Fire Fighting & HVAC system.
- Reports to QA Manager for site related issues (Daily submittals, inspection request, Quality safety progress, Resources, Risk material & equipment delivered at site).

_____ Academics _____

- **Bachelor of Technology in Mechanical Engineering** from Jawaharlal Nehru Technological University, Hyderabad.

_____ Computer Proficiency _____

AutoCAD (Basic), MS Office (Word, Excel, PowerPoint)

_____ Personal Details _____

Name	:	Mohammed Muqueem Uddin
Date of Birth	:	22 Jan 1985
Marital Status	:	Married
Nationality	:	Indian
Religion	:	Islam
Languages Known	:	English, Hindi & Urdu