

# MUYINUDDIN

Al Naif, Deira, Dubai.

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## ***Career Objective:***

A Mechanical engineering degree holder and professional experience in the field HVAC and HVAC Controlling design procedures. Have been exposed to Mechanical Building Service Design, Procurement and Manufacturing of Mechanical Systems for High Rise Residential, Commercial, Industrial, Institutional, Recreational, Healthcare, District Cooling Plant from concept to completion. I am willing to work as a key player in challenging & creative environment.

## ***Education Qualification:***

**Qualified Mechanical Engineer** (Bachelor of Engineering from Rathinam Technical Campus Coimbatore, Tamilnadu, India.) 2016 batch.

## ***Computer Skill:***

Operating system: M S Office , Internet Browsers ,Excel.

Drafting and Engg Packages: Auto CAD,Solid Works ,Carrier's Block load, HAP (hourly analysis Program), D M's Head Load Calculation, HVAC Selection Software, REVIT.

## ***Work Experience:***

**Company:** IMS INTERNATIONAL LLC(Dubai)

**Designation:** Project Engineer(HVAC and HAVC Controlling)

**Project:** SLS Hotel and Hotel Apartments, Business Bay, Dubai.(5B+GF+P+ 76F+Roof).

**Period:** SEPTEMBER 2018 to Till date

## **Roles & Responsibilities:**

- ✓ Prepared, reviewed and commented on Technical Submittals, Drawings and calculations of Building MEP works (Shop drawings, Materials, RFI, Close out documents, etc.)..
- ✓ Monitoring the site installation of services to ensure conformance with engineering design, performance specifications and make sure that all building services meet health and safety requirements and environmental legislation. More focus on HVAC Controlling works.
- ✓ Participated in Design Meetings and site progress with the client and provided various alternate solutions. Coordinated with Consultants, Contractors, Suppliers and Site construction teams on Design, Technical and Site issues.
- ✓ Air conditioning and Exhaust duct sizing and preparation of ducting layout drawing. Chilled water pipe sizing and the preparation of chilled water piping layout drawing. Design of air distribution system sizing which include louvers, Grilles, Registers, Diffusers etc. Preparation of schematic and riser diagrams for fresh air, smoke, extract air and chilled water system for high rise buildings.
- ✓ Preparation of RFI to clarify discrepancies or issues related with MEP design or constructions process and its follow up with consultants or clients for approval.
- ✓ Witnessing Start-up, Testing, Commissioning, Handover, Operation/Maintenance of systems.

**Company:** MAF Technical Works LLC (Dubai)

**Designation:** Mechanical Engineer

**Period:** March 2018 to SEPTEMBER 2018

**Roles & Responsibilities:**

- ✓ Review HVAC, Plumbing, Fire fighting Shop Drawings, Coordination Drawings, Builders Work Drawing and RCP Drawing. Submission of Shop Drawing to the Main Contractor and Consultant for approval by coordinating with Engineering and Drafting Department.
- ✓ Reviewing and analyzing construction drawing for shop drawing preparation and selection of equipments and Selection materials for ducts, pipes fittings, Valves as well in the procurement
- ✓ Calculation of ventilation and cooling load requirements for projects using Carrier HAP and selection of suitable system such as DX System, Chilled water system, VAV and VRF System for this specific application in accordance with international standards such as ASHRAE, SMACNA, DW-144, ARI and NFPA.
- ✓ Material takes off and preparation of detailed Bill of quantities for HVAC, Plumbing and Fire Fighting works.

**Company:** TEM-AC TRADING AND CONTRACTING (QATAR)

**Designation:** Mechanical Engineer (HVAC)

**Period:** May 2017 to March 2018

**Roles & Responsibilities:**

- ✓ Making selection of machines those are efficient in cost and good in performance like FCU's, AHU's and Chiller from respective make Trane, Carrier & LG.
- ✓ Reviews contract specification/ drawings to carry out MEP coordination efficiently & rapidly.
- ✓ Computer literate in HVAC, Plumbing and Fire Fighting System Design Software.

**Company:** REAL TIME INTEGRATED INFRA TECH PVT. LTD, INDIA

**Designation:** Mechanical Engineer (HVAC Site Engineer)

**Period:** May 2016 to March 2017.

**Projects:**

LISSIE Hospital Ernakulam (Chilled water plant cooling capacity 1015 TR).

**Roles & Responsibilities:**

- ✓ To carry out MEP coordination efficiently & rapidly.
- ✓ Aware of international standards such as ASHRAE and local authorities' regulations like DEWA etc.
- ✓ Encourage communication & coordination internally and with other task teams for installation of all MEP works (Plumbing, drainage, electrical services & HVAC).
- ✓ Able to make Bill of Materials.

**Professional Training:****Training in MEP/HVAC (Duration: 4 months)**

Completed an internationally certified course in MEP/HVAC at Blitz Academy, an ISO 9001:2008 certified institution.

***Trained in HVAC designing which are concerning the following***

- Preparation of Single Schematic Diagrams and estimation of various projects.
- Selection of pump, cooling tower, chillers and duct materials.
- Cooling and Heat calculation using HAP and REVIT MEP software.
- Calculation of Pipes and Duct size using Duct sizer and REVIT MEP.
- Drafting using AUTOCAD and REVIT MEP.

***Trained in Firefighting which are concerning the following:***

- Preparation of Single Line Diagrams of various projects.
- Firefighting deals with fire protection engineering fundamentals, water supply for fire protection, fire extinguishing, fire alarm system, special occupancies and hazards and storage of flammable and hazardous materials.
- Fire protection engineering, NFPA codes, how to provide adequate water supply for fire protection system different types of system for fire detection, alarm reporting and evacuation

**Personal Skill:**

- Good inter personal and team skills.
- Willingness to learn new things & hard worker.
- Positive attitude with a confident and forward thinking outlook.

**Personal Profile:**

Marital status	: Single
Languages Known	: English, Hindi, Malayalam, Tamil and Kannada
Nationality	: Indian
UAE Driving License no.	: 4020071
Passport number	: P0923391
Visa Status	: Visit Visa

**Declaration:**

I hereby declare that the above given particulars are true to the best of my knowledge and belief.

**(Muyinuddin)**