**MEP/HVAC ENGINEER**

**SIYAD**

[**SIYAD.2152416@2freemail.com**](mailto:SIYAD.2152416@2freemail.com)

**B.Tech Mechanical engineering-2014**

(**U.A.E Embassy attested** graduation certificate)

**ON VISIT VISA**

**Career Objective:**

A skilled and committed HVAC engineer with **2.5 years** of experience, looking for a challenging and demanding position in HVAC system design/installation/commissioning/maintenance/ in a growth oriented MEP consulting/contracting/construction organization where there is ample scope for individual and organizational growth.

**Key Skills:**

• AUTOCAD, HAP, MS OFFICE

• Site execution

• Heat load calculation

• Preparation of Shop Drawings

• Selection of grills and diffusers

• Designing of air distribution duct

**Professional Experience:**

• Ventilation system design

• External Static pressure calculation

• Estimation and preparing BOQ

• Quantity take-offs from drawings

• Preparation of HVAC material submittal

• Basics of fire & safety, plumbing

**Company : CARRIER Air Conditioning Systems**

### Sun Business Corporation

**Designation : Design Engineer**

**Duration April 2016 to October 2016**

**Designation : Project Engineer**

**Duration September 2014 to March2016**

**Major Projects:**

1. Mattil shopping mall, Malappuram (Toshiba VRV of 190HP, VTS AHU of 106 TR)

Role played: Project Engineer

1. Grand House shopping center ,Calicut (Toshiba VRV of 230 HP)

Role played: Project Engineer

1. PVS film city ,Wayanad (Carrier DSA of 291 TR)

Role played: Design Engineer

1. Volkswagen exclusive showroom Calicut (Carrier DSA of 155 TR)

Role played: Design Engineer

1. Shobhika wedding cente ,Wayanad (Carrier DSA of 563 TR)

Role played: Design Engineer

**Duties and Responsibilities:**

**As Project Engineer**

* Review all mechanical drawings as per specifications and ensuring the work is done as per approved shop drawings
* To analyze project technically & commercially & to understand customer’s requirement.
* Working closely with project architect and design engineers.
* Preparing purchase requisition and forwarding to procurement department and follow up with suppliers up to material delivery on site as per work schedule
* Supervision HVAC system, Plumbing & drainage system and firefighting system in the multi storage buildings
* Execution of man power deployment, material delivery, drawing & documents availability at site for the successful execution of the mechanical construction works at site in safety and quality manner within the time frame
* Lead the team of supervisors, foreman and labors to execute the constructions works as per the planning schedule and submitting daily reports and work status to construction managers
* Ensure the correct materials are utilized for the works carried out.
* Coordinates with the sub-contractors at site to ensure that the projects are implemented as per contract and done as per schedule
* Attending all meetings concerned with sub-contractors, site coordinators and managers as per site requirements and work priorities.
* Final documentation i.e. guarantee, warranty, operation and maintenance manual, certificate of testing and commissioning etc. at the final hand over of the building.

**As Design Engineer**

* Interpreting blueprints of the building and designing HVAC systems.
* Heat load calculation.
* Working with building managers for creating energy efficient system
* Selection of equipment (AHU, Indoor and Outdoor equipment selection) and space planning.
* Duct Designing.
* Selection of air inlet/outlet.
* ESP calculation for fans and blowers.
* Selection of grills and diffusers as per SMACNA standards
* Toilet and kitchen ventilation design.
* Car parking ventilation and fresh air system design.

**Educational Qualification:**

* **Bachelor of Technology in Mechanical Engineering** from LBS College Of Engineering Kasaragod, Kannur University, Kerala, India during the year 2010-2014 with First class
* **Higher Secondary Examinations Kerala state board in Science** from Rahmaniya HSS,Calicut Kerala, India during the year 2008-2010 with First class
* **Secondary School From** MCCGHSS Calicut, Kerala, India in 2008 with Distinction

**Technical Exposure:**

Undergone Professional Training Programme in HVAC from PRIME MEP Training Academy Calicut

Duration : June 2014 to August 2014

**Training and Additional Courses:**

* Industrial Training on nallalam Diesel Power plant ,Kozhikode, Kerala,India in April 2013
* Industrial visit on PEEKEY Steels ,Kerala, India in feb 2014

**Knowledge:**

HVAC

* Working on Heat Load Calculations (Manual method, Excel format, HAP Software)
* Equipment Selection (AHU, Indoor and Outdoor equipment selection)
* Duct Designing (Velocity reduction method & Constant friction method)
* Stairwell pressurization system
* Ventilation and Exhaust systems (Toilet, Kitchen, Basement Area, Parking area)
* Arriving BOM/ BOQ, Material takeoffs
* Head Loss calculation for Primary & Secondary Pump system

**Languages known:**

* English, Hindi, Malayalam , Tamil ,Arabic

**Personal Details:**

Nationality : Indian

Date of Birth : 28-May-1992

Gender : Male

Marital Status : Single

Visa Status : visit visa

Visa Valid up to : 02nd Jun 2017

**Declaration:**

I do hereby certify that the above information’s are true and accurate to the best of my knowledge and belief.