**Md Obaidur Rahman**

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**Career Objective**

**3 Years’ experience in the area of Mechanical Engineering (In India).** Working as a planning and design engineer. My experience is diversified in project planning, HVAC designing, resource allocation, negotiation and client handling. I am passionate in learning new things, building relationships and client handling. I am looking to lead and be a part of a challenging team which strives for a better growth of organization which explores my potential and provides me the exposure to enhance my talent with an intention to be an asset to the organization.

**Career Contour**

**M/s Karim Fabricators, Noida UP**

Company Deals in: HVAC, Electrical and Fire Fighting Systems Project.

* Project : Doon Hospital, Dehradun

Designation : Planning and Design Engineer

Duration : December 2017 to Present

* Project : Zhonghua Engineer (I) Pvt. Ltd., Greater Noida

Work Role : Duct design and its erection

Duration : December 2017 to February 2018

* Project : Pollution control board, Dehradun

Work Role : Heat load calculation and equipment selection

Duration : September 2017 to November 2017

**M/s Suvidha Engineers (Project), Faridabad, Haryana**

Company Deals in: HVAC, Electrical and Fire Fighting Systems Project.

* Project : Lucknow Jail, Lucknow

Designation : Planning and Designing

Duration : April 2017 to Aug 2017

* Project : Uflex Holography Division Bhopal

Work Role : Planning and Designing

Duration : December 2016 to March 2017

* Project : Delhi Cantonment Hospital, New Delhi

Work Role : Heat load calculation and equipment selection

Duration : July 2016 to November 2016

* Project : Neel Sarowar Hotel, Lucknow

Work Role : Heat load calculation and procurement of high side equipment

Duration : February 2016 to June 2016

* Project : Hindustan Aeronautics Limited, Bangalore

Work Role : Heat load calculation and equipment selection

Duration : August 2015 to January 2016

* Project : Mother son Systems, Noida

Designation : Graduate Engineer Trainee

Duration : January 2015 to July 2015

**Major responsibilities as Planning and Design Engineer**

* Organizing design team.
* Prepared project plan & project budget.
* Implemented project plan & ensured logical sequencing of plan based on resources.
* Planned arranged & allocated the resources as per the project plan.
* Monitored construction schedule & highlighted anticipated delays/deviance in advance.
* Prepared method statement & submitted to clients/consultants for approval.
* Prepared time cycle charts for major activities of work.
* Conducted progress review meetings at fixed intervals.
* Analyzed the gaps between the planned Vs actual and highlighted the areas needing attention for action of the project team.
* Performed Heat Load calculations using HAP 4.5 in order to size HVAC systems.
* Performed pressure drop calculations through piping in order to properly size HVAC equipment.
* Calculated static head for laying out duct and pipe.
* Drafted detailed dimensional drawings and design layouts using AutoCAD 2013.
* Coordinated with OEMs and technicians to transform designs to working drawings.
* Revised design drawings and cost estimates to comply with ASHRAE and budget restrictions.
* Generated and submitted as built drawings of HVAC system.

**Academic Qualification**

Bachelor of Technology from the Department of Mechanical Engineering, Subharti Institute of Technology and Engineering, Meerut with 70% in 2015.

**Technical Proficiency**

* Heat load calculation after building survey using Carrier and ASHRAE standards by latest HVAC software.
* Calculation of blower CFM, air distribution duct design, selection of diffusers, grills G.I sheet McQuay Software.
* To prepare the selection of machines like FCU’s, AHU’s, Chiller, Pumps etch, on the basis of heat load calculation from respective models like Blue star, Voltas and carrier.
* Preparing the air distribution system for the complete design.
* Calculating the Duct Sizing according to the CFM by using McQuay software.
* Calculate the pipe sizing for the chilled water system according to the GPM.
* Preparing the Pump Head Calculation for the selection of Pump Head.
* Preparing the Static Pressure Calculation fort the selection of AHU Fan capacity.
* Incorporating the standards in the Shop Drawings and Sections.
* Preparing the Schematic drawing for the project HVAC System.
* Preparing the as built as drawing for the HVAC system.
* Preparing the Measurements of Ducting & Piping using Excel sheet.

**Certification**

* Three months certification course in HVAC from Sofcon India Pvt. Ltd., Noida.
* Two months certification course in AutoCAD from CADD Centre.
* Three months certification course in Revit MEP from CADD Centre.
* Thirty days industrial training from Indian Oil Corporation Limited, Barauni.

**Skills**

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| --- | --- |
| * AutoCAD | * VRV/VRF System |
| * HAP 4.5 | * Microsoft Excel |
| * Microsoft Project | * SMACNA Standard |
| * HVAC Design System | * ASHRAE Standard |

**Strength**

|  |  |
| --- | --- |
| * Team Player | * Self Confidence |
| * Cooperative * Problem solving ability | * Positive thinking * Motivation by challenges |

**Interest**

* Interaction with people
* Observing new things
* Reading News Paper

**Personal Details**

* Father’s Name : Amiqur Rahman
* Date Of birth : June 05, 1993
* Nationality : Indian
* Gender : Male
* Language : English, Hindi and Urdu
* Relocation : Willingness to relocate domestically as well as internationally.
* Passport details : Z3044680 Valid till 17/12/2024

**Declaration**

Hereby, I declare that all the information furnished above is true to the best of my Knowledge and nothing to conceal.

Date:

Place: Md Obaidur Rahman