

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

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

Strength

- Team Player
- Cooperative
- Problem solving ability
- Self Confidence
- 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:

Rahman

Md Obaidur