

Md Ekhlague Hussain

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E-

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MECHANICAL ENGINEER (HVAC)

Career Objective

I primarily to work with clients to design and improve Heating, Ventilation and Air-Conditioning. I am keen to work with your organization to achieve company's goal contributing my skills and knowledge.

Experience (Total 3 Years)

From **March 2015** to till date working as design engineer with Climate.

From **Oct 2014 to Jan 2015** worked with Karim Fabricators as a Site Engineer.

Work History

Mechanical Engineer

MAR 2015- To Present
Noida, UP

Climate

Responsibilities

- Heat load calculation following (ISHRAE) and (ASHRAE) using E-20 pattern.
- Calculation chilled water pipe diameter according to ISHRAE, ASHRAE and CARRIER Book and designing the layout of chilled water supply and return pipes and selection of Various accessories.
- Selection of FCU's and AHU's according to specifications and site conditions.
- Duct system design using Equal Friction method following SNACNA standards.
- Static Pressure calculation.

Mechanical Site Engineer

OCT 2014 to JAN 2015

Karim Fabricators

Responsibilities

- Assuring the approved HVAC shop drawings, MEP Coordination drawings, work method statement and project specification from Project Engineer.
- Ensuring the HVAC ducts, pipe fittings, pipe accessories and chilled water pipes are available and approved by inspection department prior to installation.
- Ensuring sufficient hand tools, power tools, ladder and scaffoldings are available for installation.
- Arranging the sufficient manpower such as supervisor, foreman, duct fitter, pipe fitter and ensure all of them attended safety orientation.
- To maintain site activities to ensure quality of works is in progress with approved shop drawings and specifications.
- Testing, adjusting, and balancing (TAB) stages of Air and Hydronic piping.

Skills

- HVAC Designing.
- Heat Load Calculations.
- Duct designing, AHU and Chillers selection.
- AutoCAD drafting and designing. .
- Preventive Maintenance and Repair of window and Split type AC.
- Installation and Dismantle of window and Split AC.

Computer Skills

- MS-Office
- AutoCAD, MEP Revit, HAP (HVAC design and load calculation), Duct sizing software.

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Internship

Organization: Bajaj Engineering Works,

June – July 15, 2013
Jalandhar, PB

Description: Worked as a Trainee.

Bajaj Engineering works is a manufacturer of pipe accessories (Gate valve, Globe Valve, Ball-Valve, Steam Trap, Stainer, Butterfly).

Responsibilities

- Supervising a team of Labor 10+ on casting, grinding, and shot blast process.
- Analyzing the drawing given so that the job is machined according to design.
- Examining the lathe operators on machining, also on production rate.
- Measuring machined job for dimensionally correct.
- Responsible for achieving production requirements.
- Prepared and maintained production reports and personnel records

Education

Bachelor of Technology: Mechanical Engineering
Lovely Professional University

AUG 2014
Jalandhar, PB

HSC- Pt. Kedar Nath Tiwari Inter College

MAY 2009
Patna, BR

SSC- Jai Govind High School

MAY 2007
Patna, BR

Personal Profile

Date of Birth : 03/08/1991
Status : Single
Nationality : Indian
State : Bihar
Language Known : English, Hindi, Urdu

Passport Details

Passport no - N3164142
Place of issue- Patna (India)
Date of issue- 16/09/2015
Up to date - 15/09/2025

Md Ekhlague Hussain
Signature