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Mob: +91-73786-68372 Dighwara, Bihar, 841207, India E-mail:hussainekhlaque77@gmail.com

**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.

**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 **AUG** **2014**

Lovely Professional University 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 Ekhlaque Hussain** Signature