

CURRICULUM VITAE

HITESHWER THAKUR (HVAC DESIGN AND SITE ENGINEER)

Mobile. +91 9805086883

Email ID: thakurhiteshwer@gmail.com



OBJECTIVE:

Seeking to work in quality environment where my knowledge and experience can be shared and enriched looking forward for the opportunity where I can improve my quality professional skills and talent to cope with trends in a reputed organization.

ACADEMIC PROFILE:

- ✚ M.Tech (Thermal Engineering) from Chandigarh University Mohali (Punjab) in 2018
- ✚ B.Tech (Mechanical Engineering) from L.R Institute of Engineering & Technology Solan (H.P) in 2015.

TECHNICAL SKILLS:

- ✚ Act as a Lead for all HVAC Draftsman and Designing & Site Executions.
- ✚ Prepare Site survey report, HVAC study report, HVAC design basis reports and various reports as necessary for project.
- ✚ Prepares the execution plan for HVAC with the Lead Mechanical Engineer.
- ✚ Establish basic HVAC performs and / or check calculations and drawings for HVAC, Assists the Lead Mechanical Engineer in the management of Mechanical Group's day to day activities / deliverables including HVAC.
- ✚ Preparing Construction drawing as per instruction of civil engineer and submit for approval.
- ✚ Assisting Site Civil Engineers inside related activities.
- ✚ Coordinating with Engineering & Design Department to prepare Shop Drawings.
- ✚ Coordinating with Site Engineers for Preparing As-Built Drawings.
- ✚ Supervising the Construction team to meet the scheduled targets
- ✚ Maintains files and computerized indexes for all documents.
- ✚ Coordinating with Municipality for taking approval of the Designed Drawings for further
- ✚ Capable of Designing & Drafting HVAC Systems for Construction Industry.
- ✚ Capable of working on International (Gulf) Projects.
- ✚ Expert in AutoCAD drafting, REVIT & Shop Drawing for HVAC Systems.
- ✚ Ability to handle Site Erection/Inspection of HVAC Systems
- ✚ Expertise in all editions of windows & MS Office.

PROFESSIONAL EXPERIENCE:

- ✚ Working As a **HVAC Design & Site Engineer** in **HUAKE ENGINEERING INDIA PVT. LTD.** (1st March 2019 to Present)
- ✚ Worked As a **HVAC Design Engineer** in **KG MECH ELECTRO-MECHANICAL PVT LTD. HYDERABAD.** (1 July 2018- 25 Feb 2019)
- ✚ Worked As a Mechanical and Maintenance Engineer in **KARUSHA BATHLINE H.P** (15 July 2015 - 31 August 2016)

✚ EXPERIENCE HISTORY PROJECT IN INDIA

WORKED ON PROJECT: Design & Site Execution OPPO, VIVO, MI Manufacturing Plant in Noida.

SOFTWARE SKILLS:

- ✚ Auto CAD, REVIT, HAP 4.5, E-20 Load Form, Mc Quay Duct Sizer.
- ✚ Mechanical CAD 2D, 3D, Excel, Ms Word, Power Point.
- ✚ Proficient to work in all editions of Windows, Internet Browsing
- ✚ Solid Work & ANSYS

PROFESSIONAL TRAINING:

- ✚ **Real Time Training in “HVAC - DESIGN AND DRAFTING”, KG MECH Electro-Mechanical Pvt. Ltd.**

Designing Work Ability – HVAC

- Heat load calculation after building survey using CARRIER and ASHRAE standards by manuals and by latest HVAC ASHRAE E20 Form
- Calculation of blower CFM, air distribution duct design following SMACNA duct design codes, selection of diffusers, grilles G.I sheet etc. (Mc Quay Software)
- To prepare the selection of machines like FCU's, AHU's, Chillers, Pumps etc, on the basis of Heat Load calculations from respective models like Blue Star, Voltas, and Carrier etc.
- Preparing the Air Distribution System for the complete design.
- Calculating the Duct Sizing according to the CFM by using Mc Quay Software
- Calculating the Pipe Sizing for the chilled water system according to the GPM.
- Preparing the BOQ for the complete project.
- Preparing the Equipment and Technical Schedule depending upon the project.
- Preparing Material Take-off (MTO) from tender drawings as per Specifications and International Standards.
- Preparing the Schematic drawing for the project HVAC System Ducting and

Chilled Water piping.

- Preparing the Pump Head Calculation for the selection of Pump Head.
- Preparing the Static Pressure Calculation for the selection of AHU Fan capacity.
- Preparing the Shop drawings for Ducting and Chilled water system
- Preparing the Sections for the complicated areas and for the plant rooms.

ACADEMIC PROJECTS AND SEMINARS:






PROJECT 1:- GRADUATE

- Project Title: "Sprocket- Side Stand Retrieve System In Two Wheelers"
- Project Role: Team Head.









PROJECT 2:- POST GRADUATE

- Project Title: "Study of Important Performance Characteristics of Commercially Available Two and Four Stroke Engine Lubricants " (M.E. THESIS)
- Project Role: Individual.
- **Publish One Research paper in Scopus Index Journal.**

INTERPERSONAL SKILLS:

-  Dedication and drive as a hard-working individual.
-  Zeal to work in professional environment.
-  Positive Attitude, Polite Nature, Well Mannered.
-  Thrive on challenges and quickly adapt to new environments and responsibilities.
-  Good communications skills in dealing with customers and co-workers.

PERSONAL SYNOPSIS:

 Name	:	Hiteshwer Thakur.
 Father Name	:	Mr. Rajesh Kumar Thakur.
 Date of Birth	:	27/01/1994.
 Age	:	24 years.
 Nationality/Religion	:	Indian/ Hindu
 Sex/Marital status	:	Male (Un-Married)
 Languages Known	:	English, Hindi and Urdu.
 Address	:	V.P.O Giun Teh. Dharmpur Distt. Mandi Himachal Pradesh -175040, (INDIA).

DECLARATION:

I hereby declare that, the above information is true to best of my knowledge.

Date: __/__/__

Place: Chandigarh (INDIA)

HITESHWER THAKUR