|  |  |
| --- | --- |
| SYEDSYED.371058@2freemail.com   | Career ObjectiveTo secure a challenging and responsible career in any organization and give my best to that organization and be a part of growth of the organization.Professional ExperienceCompany Name : AIR MANAGEMENT FACTORY AMFCO . Dammam 2nd Industrial city ,Kingdom Of Saudi Arabia (K.S.A) Designation : HVAC Design Engineer ,HVAC Estimation Engineer .Experience : GULF Experience .Job ProfileIt was involved in work for consulting or design companies. work directly with clients to design new or replacement heating, cooling, and refrigeration systems specific to customer needs and building specifications. The duties and responsibilities which I can handle independently and give the best output to the company are as given below: Responsibilities handled as HVAC Design Engineer :* Air Condition load calculation using:
* Manual.
* E20 chart.
* Carrier block load 4.15.
* HAP 4.5.
* Design the HVAC system as per the requirements mentioned in the proposal through various stages like designing, fabricating, and testing
* Apply the technical expertise and knowledge that will support the designing, manufacturing, testing, and troubleshooting and help in better delivery of the HVAC system
* Make an active contribution in the research and development efforts by understanding the HVAC advances that will match with the emerging technologies
* Accountable for the specification of sheet metal layout, components and the fabrication approaches.
* Duct designing.
* Design of chilled water pipes.
* Fitting selection, valve selection.
* Pump head calculation.
* Selection & Static Pressure calculation(ESP) of fan.
* Air distribution & selection of air terminals.
* Estimation & Costing of Air conditioning works

Professional ExperienceCompany Name : Intech Engineering Enterprises Pvt Ltd.  Designation : HVAC Engineer,Site Engineer,HVAC Supervisor. Duration : 3 Years.Responsibilities handled as HVAC Design Engineer* Developing sustainable building services designs on numerous major projects including commercial, residential, tall tower, Infrastructure and mixed-use developments.
* Performing engineering evaluations, feasibility studies, conceptual and final design, cost estimates, and engineering calculations.
* Researching, planning, designing and developing sustainable mechanical systems, including but not limited to HVAC, plumbing and gas distribution systems.
* Preparation of mechanical engineering calculations in support of systems design.
* Evaluating and analysing statistical data, customer design proposals, specifications and manuals to determine feasibility of design or application.
* Evaluating design drawings and calculations for HVAC, plumbing components, piping and mechanical systems to satisfy target requirements throughout the design process and contribute to content and direction.
* Working knowledge of various building services design codes such as British Standards, ASHRAE, NFPA and other International design codes.
* Interfacing and working with clients in a professional manner to achieve project goals.

Relevent Courses* Diploma in **HVAC Designing, Drafting, Installation.**
* Diploma in **AutoCad 2D/3D.**
 |
| Personal Data: Date of Birth : 09-03-1993Sex : MaleNationality : IndianMarital status : UnmarriedLanguages Known : English, Hindi &Urdu | Professional ExperienceCompany Name : BHARAT DYNAMICS LIMITED(Ministry Of Defence).Designation : Mechanical Engineer, HVAC Site Engineer.Duration : 1 Years .Responsibilities handled as HVAC Site Engineer* Preparation and Monitoring of project schedule & project trackers for Shop drawings.
* Coordinating with Client Representative for handing over process.
* Coordinating with other engineering disciplines in aspects during the development of works to ensure that all HVAC site activities are conducted under controlled conditions as per drawings, method statements, specifications and work plan.
* Coordinating with other facility providers to ensure smooth completion of project in time.
* Coordinating with Client Representative for handing over process.
* Updating site activities. Specification, Reviewing inspection daily reports submitted by client

Upon completion.* Communication & correspondence with clients and higher authorities
* Assist the Commissioning Team in Pre-commissioning & Commissioning stages of all HVAC Equipment’s.
* Assist the Commissioning Team on Testing, Adjusting & Balancing (TAB) stages of the Air and Hydronic Piping’s.
* Review the design verify the load calculations ,check the shop drawings .
* Check the material submittal , check the method statement for installation .
* Check the site work and material delivery. testing commissioning with approved vendors.
* As built drawings and O&M Manual

Educational Qualification Bachelor of Engineering(B.E, Mechanical)* Deccan college of Engg & Tech. Osmania University. **Aggregate : 77%**

Higher Secondary School((M.P.C)* Gotham junior college. Board Of Intermediate . **Aggregate : 87%**

S.S.C * Jawed High School. Board Of Secondary Education . **Aggregate : 75%**

Academic ProjectMechanical engineering design project ,Assigned as a group leader for designing:* CFD analysis of venture.
* CFD was employed for numerical solutions.
* The model was created and meshed using GAMBIT 2.4.6.

Personal Skills* Positive Attitude, Determine High Energies.
* Smart Working and Sincere.
* Good decision making

**Declaration:** I hereby declare that the above provided information is true to the best of my knowledge.   |