**DESIGNING & DRAFTING OF HVAC SYSTEM**

**VIJAY**

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**JUNIOR ENGINEER HVAC DRAUGHTSMAN**

**CAREER OBJECTIVE:** To work in a challenging and growth oriented environment, where my abilities, knowledge and skill are best utilized and also providing excellent opportunities for innovation and continuous learning thereby contributing to the development of the organization and self. To work as a HVAC DESIGNING related jobs.

**ACADAMIC RECORDs:**

* Having 2 years experience in the field of hvac drafting & designing.
* HVAC designing course completed from JSE engineering acedamy in Chennai for 6 months.
* B.E MECHANICAL ENGNIEERING studied in krishnasamy college of engineering and technology at cuddalore and obtained **69%** of Marks(20011-2015)
* **HSC** passed with distinction **82%** from AKT academy matriculation higher secondary school(2010-2011).

**PRESENT EMPLOYEE :**

* Employee : **AIR TREATMENT ENGINEERING PRIVATE LTD**
* Designation : Junior engineer Hvac draughtsman.
* Department : Hvac designing.
* Duration : February 2016 to till date.

It is a searchable leading MEP consultant,and top quality service provider and distributor of Air conditioners,plumbing,electrical and fire fighting services. To customers like RAINBOW HOSPITAL,GLOBAL HOSPITAL, WIPRO,AISHWARYA MALL & DECCAN CHEMICALS LAB.

**PREVIOUS PROJECT:**

* Employer : **JSE engineering academy**
* Designation : Hvac design and drafting
* Duration : September 2015-February
* 2016

**TECHNICAL SKILLS:**

* Duct design and routing following SMAGNA
* Preparing schematic diagram for piping& ducting of shop drawing.
* Preparation of HVAC section and details.
* Performed thermal loading calculation in order to size hvac system…
* Used calculated data to select the equipment that was suitable for the specified job.
* Performed pressure drop calculations through piping for CHWS &CHWR systems.
* Performed external static pressure calculations through ducting .
* Learned new design concepts independently and completing job assignment on time..
* Calculated air changes rate and ventilation as per ASHRAE ventilation standard..
* Drafting of chiller & plant room layout.
* Preparation of bill of quantities,specifications,material and drawing submittals.
* Estimation of cooling & heating load by HAP software .

**CAREER SUMMARY:**

Some of the major projects are worked during my career.The projects has been listout below.

* Prepared HVAC shop drawing and pump head calaculation, External static pressure calculatio for ABUDHUBAI FUND BULDING in DUBAI.
* Prepared HVAC shop drawing and chilled water schematic ,kitchen ventilation ,toilet ventilationfor AISHWARYA MALL in Bangalore.
* Prepared VRV HVAC shop drawing for THORAIPAKKAM HOTEL in Chennai.
* Prepared HVAC shop drawing and chilled water schematic for NATIONAL PLASTIC in chennai.
* Prepared VRV HVAC shop drawing and toilet ventilation for NLCC in chennai.
* Prepared HVAC shop drawing for VELLORE MALL in Bangalore.
* Prepared DX UNIT HVAC shop drawing and toilet ventilation for GOKULAM STUDIO’S in Chennai.
* Prepared HVAC drawing and as per client rated ventilation for hospitalized job like GLOBAL HOSPITAL in Chennai.
* Prepared HVAC drawing and fume hood exhaust ventilation,Air flow diagram for laboratory jobs like DECCAN CHEMICAL LAB in Goa.

**SOFTWARE SKILLS:**

* Autocad.
* HAP software.
* Psychrometric process.
* Duct sizer.
* Pro-e.

**PERSONAL INFORMATION:**

* Date of Birth : 02-12-1993
* Gender : Male
* Nationality : Indian
* Religion : Hindu
* Marital Status : Single
* Languages Known : English&tamil

**DECLARATION:**

I hereby declare that all the information furnished is true to the best of my knowledge and can produce all the relevant certificates as and when required.