**SAFNAS**

**MEP Engineer**

Burdubai, Dubai

Safnas.383529@2freemail.com



**HIGHLIGHTS**

* 2+ years’ experience in HVAC system installing, repairing and maintaining heating, cooling and refrigeration equipment’s like Chillers, VRF, AHU, FCU and centralized /non-centralized Units.
* Hands on experience in diagnosing system problems and identifying equipment and solutions needed to rectify the problems.
* Competent at design and fabricatingduct in order to meet special needs.
* Deep understanding of Building Information Model (**BIM**​)**​** giving Revit Designing & Planning.

**RELATED SKILLS**

* Excellent communication and interpersonal skills.
* Exceptional physical dexterity
* Knowledge of advanced engineering principles of HVAC/ MEP

**EXPERIENCE**

**MEP Trainer and designer at ADI INSTITUTE OF QUALITY ENGINEERS ( JAN 2017 TO DEC 2017)**

**PROFESSIONAL EXPERIENCE**

|  |  |
| --- | --- |
| **Company name :** | **COOL AIR SYSTEMS ​–​Ernakulum​,** |
| **Designation** | **:** | **HVAC MaintenanceEngineer,** |
| **Period** | : | **JUL2016 –DEC 2016** |

**HVAC Technician Assistant**

* Determine design requirements for HVAC systems.• Test, diagnose and repair
* Inspect and analyze existing systems, determine the condition of existing systems, and verify operating parameters for accuracy.
* Prepare air distribution ducting plan and HVAC installation drawings for development

by the draftsman.

* Done HVAC Shop Drawings, MEP- Coordination Drawings, Work method statement and Project Specification from Project Engineer.
* Monitored duct pressures and external air pressures on a regular basis

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**Company name: Torque Engineering Consultants​- GEM​ hospital Trissur,**

**Designation Period**

**:**

:

**HVACSiteEngineer,**

**JUL 2014 –JUL 2016**

**HVAC Technician Assistant**

* Maintain environmental conditions by installing and maintaining cooling systems
* Test, diagnose and repair problems in the system and propose relevant solutions
* Manage installation of ducts for ventilation purposes& assisted HVAC technician in I​ installing and managing cooling and heating systems
* Provided preventive maintenance solutions
* Assisted in engineering design services for ducts and other systems as appropriate
* Monitored duct pressures and external air pressures on a regular basis
* Managed paperwork associated with HVAC procedures

**HVAC Design & Draftsman**

**AutoCAD designing & Drafting - HVAC​**

Responsibility includes design and AutoCAD drafting of complete HVAC works including air distribution calculation, duct sizing, duct layout, refrigerant piping, chilled water piping, diffusers / grill sizing and firefighting layouts.

**Revit M.E.P**

**Designing & Drafting (3D) - MEP**

The responsibility includes preparation of COMBINED SERVICES shop drawings including preparation of HVAC, Plumbing, Fire Fighting, Electrical etc., Employee responsibility also includes design works, Quantity take off, preparation of As Built drawings etc

**PROJECTS ASSIGNMENTS:**

* Heating /Cooling Load Calculation following Carrier HAP, ASHRAE / ISHRAE Handbook & Software
* Building Survey and Preparation of Riser Diagram for multi storey buildings.
* Calculation of Blower CFM, Calculation of no.of G.I Sheet required, Selection of Diffuser Grille & Gauge of G.I Sheet, Selection of AHU after static pressure calculation.
* Chilled Water Piping Designs with complete Valve & Fittings.
* Selection of Chillers, Cooling Tower, Pumps with Pump Head Calculation.
* Estimation Tendering & Preparation of BOQ.

**EDUCATION**

**B.TECH, MechanicalEngineering​**,from **MahatmaGandhi**​ **University​**,​2014.**CGPA**​ **: 6**

**XII, HSE Kerala state Board,Thalassery, Kerala, Grade: 72%**

**TECHNICAL CERTIFICATION:**

* 3 months diploma course in **HVAC**​ **Engineering**,**​** **REVIT**​ **M.E.P​**- **TOOLS**​ **USED**



**MCQUAY(DUCT SIZER)**



**AUTOCAD**



**REVIT MEP**



**HAP​**(​**Hourly Analysis Program**)**​** –

**E- 20 Manual Calculation**

**STRENGTH& STRIVE**

* Creative thinking, hard worker, Negotiator
* Able to work in both team and individually Sports striven are Cricket, Music.

|  |  |  |  |
| --- | --- | --- | --- |
| **PERSONAL DETAILS:** |  |  |  |
|  |  |  |
| DOB | : | 23-03-1991 |
|  |  |  |
| Languages Known | : | English, Hindi, Malayalam,Tamil |
|  |  |  |
| Visa status | : | Visit visa (90 days) |
|  |  |  |
| Issued Place | : | KOZHIKODE |
| **DECLARATION:** |  |  |  |

I hereby declare that the above written particulars are true to the best of my knowledge.