|  |  |
| --- | --- |
| **CURRICULAM VITAE**  **ARUMUGAM**  [**Arumugam-391287@2freemail.com**](mailto:Arumugam-391287@2freemail.com)  **Mechanical Engineer with 02 years in HVAC looking for job, on visit visa** |  |

**CAREER OBEJECTIVE**

With 02+ years’ experience in HVAC SITE & DESIGN , Seeking a challenging position to utilize my potential skills and ability in the field of HVAC and mechanical engineering that may offer professional growth to me ,while being resourceful ,innovative and flexible to the establishment.

**PROFESSIONAL EXPERIENCE**

Organization : Basics Electromechanical & Building Maintenance, Abu Dhabi

Designation : HVAC PROJECT ENGINEER (DEIGN,SITE)

Duration : 24/02/2019 onwards

(Company unable to process visa, therefore looking for change)

Organization : Aghora infrastructure PVT LTD, INDIA

Designation : HVAC PROJECT ENGINEER (DEIGN,SITE)

Duration : 07/11/2016 to 05/12/2018

Duties & Responsibilities handled

* Monitoring and site engineering of HVAC.
* Managing Drawing activities of HVAC.
* Dealing all works compiled within the time bound
* Estimation quantity surveying of materials required in site
* Procurement of materials considering design standards as per site requirement.
* All together project management with technical stability.
* Preparing reports and other documents on demand by seniors.
* Preparing weekly work progress status.
* Managing specific overall erection tasks as per the project time frames.
* Preparation of project specific production plans pertaining to the Fabrication activities
* Manpower scheduling ensuring that the work meets the specified dead line.
* Keeping track of raw material inventory and stores material, so as to ensure optimal
* Utilization of material and equipment and documenting it.
* Project quality assurance by regular inspection of engineering tasks.
* Installation of mechanical valves, pressure/flow control valves.

**PROFESSIONAL SKILLS**

* Design, Installation, Commissioning & Maintenance of All types of Chillers, Package unit, Ducted splits, VAV/VAF, FCU, AHU, FAHU, Refrigeration units, & Chilled Water pump etc
* To perform Pre-commissioning of chiller water in flushing process
* Technical knowledge of chiller cooling capacity to measure flow rate in field at time
* Heat Load calculations, Heat Loss calculations following ASHRAE Standards
* Air Distribution System by Velocity Reduction Method, Equal Friction Method and

Prepare commissioning report following SMACNA Standards.

* ESP Calculations for Fans & Blowers.
* Toilet & Kitchen Ventilation system duct fitting project coordinate with design engineer
* Car Parking ventilation and fresh air system duct fitting as per design role and technically performed. .
* Pump HP calculation for Primary & Secondary Pump system and coordinate with pipe fitting supervisor and fitter in properly handled
* To coordinate with team workers of fitting duct and CHW pipe as per design
* Maintains refrigeration cycle components and have to perform of chiller efficiency
* Perform HVAC testing, adjusting and balancing of Air systems such as CAV & VAV related to various air conditioning systems such Air Handling Units.
* Perform HVAC testing, Adjusting & balancing of Water system such as constant and

Variable chilled water systems.

* Read and interpret HVAC ducting and piping layout and drawings
* Basic Knowledge to design FIRE FIGHTING SYSTEM

**PROFESSIONAL SOFTWARE SKILLS**

### NAME USES

* AUTOCAD Duct Layout
* HAP Heat Load Calculation
* BETA Design Air Terminal Unit
* McQuay Deign Duct Size
* MS EXCEL Schedule of calculation

**EDUCATION PROFILE**

**Degree : Engineering graduated - Mechanical**

Year of Passing :  2016

University :  Anna University

Percentage :  70%

**PERSONAL PROFILE**

Date of birth         : 18th June 1995

Marital status   : Single

Gender          : Male

Nationality & Driving Li : Indian

Passport Details :  No.M5814528 /valid up to:2024

Languages Known : English, Hindi, Telugu and Tamil