**Kalidas**

Email ID : kalidas.387852@2freemail.com

**OBJECTIVE**

Seeking for a Position in an innovative and challenging environment having a scope for career advancement that will hone my skills and keep me on the cutting edge in the field of Engineering Technology.

**EDUCATIONAL QUALIFICATIONS**

* Mechanical Engineering (B.E) in Thiagarajar college of Engineering, Anna University.
* HSC in P.A.C. Ramaswamy Raja Higher Secondary School, Rajapalayam, Tamil Nadu, India.

**WORK EXPERIENCE - ( SIX YEARS )**

**Juma al majid group – Al Arabia Electromechanical LLC October 2017 – Present**

**MEP coordinator– Dubai, UAE**

Responsibilities:

* MEP team leader as preparation of MEP shop drawings as per consultant requirements.
* Preparation of technical material submittals compliance with tender specifications.
* Experienced in selection of spring isolators for fans installation systems.
* Quick response to Consultant comments as per requirements.
* Energy code compliance knowledge with related to HVAC standards like **ASHRAE** 62.1, 90.1, 55.
* Review of material submittals, method statements and clarifications to RFI.
* Installation experience for fans like floor mounted and hanging type with spring isolators.
* Involved in site MEP design coordinators, installation and final inspection with MEP team.
* Review & preparation of HVAC-Ducting, Fan System and Plant Room shop drawings.

**DRAKE AND SCULL INTERNATIONAL**

**HVAC DesignEngineer – Mumbai May 2015 – April 2017**

**Project:WorldTowers – (4B+G+62 Floors – Residential Building)**

Responsibilities:

* Preparing heat Load Calculation for HVAC system using by HAP software.
* Preparing ESP Calculation for AC & Ventilation Units.
* Review & preparation of HVAC-Ducting, Fan System and Plant Room shop drawings.
* Installation of plant room experience and managingsub-contractors team.
* Experienced in selection of spring isolators for fan installation systems.
* Preparing Equipment Schedule & Selection of Equipment’s For Air conditioning.
* Preparation of technical material submittals.
* Follow up for approvals like shop drawings, material submittals and AC Calculations.
* Preparation of Variation for the Engineer’s Instruction.
* Preparation of BOQ as per tender drawings and approved shop drawings.
* Sharing technical knowledge with project handling team.

**Mepax Engineers private limited, Bangalore September 2014 – May 2015**

**Mep drawing coordinator**

Project: Integrated healthcare centre, Workers hospital – Qatar

Responsibilities:

* Preparation of Conceptual drawings and Shop drawings as per **NFPA 13,14** standards.
* Review /Prepare of automatic sprinkler system, as per sprinkler coverage using NFPA standard.
* Review & preparation of Fire Suppression System (FM200) as per NFPA.
* Design value engineering as per NFPA & other relevant regulations.
* Fire hydraulic calculations for sprinkler and hydrant systems as per hazen Williams and Hierchywiechmann methodology using Reynolds numbers for accuracy.

**Blue crescent Engineering and Contracting WLL – Qatar January 2013 – July 2014**

**Junior Design Engineer**

Project:Msheireb Downtown Doha Project – Phase 2

 New Port Project, Qatar

 Island palace , Qatar

 3B+G+7 , Residential Building project, Qatar

Responsibilities:

* Preparation of heating load calculations using HAP software for high rise buildings.
* Preparation of technical material submittals.
* Preparing Equipment Schedule & Selection of Equipment’s for Air conditioning.
* Preparation of Conceptual drawings and MEP Shop drawings as per standards.
* Calculation for pressure loss in air distribution system.
* Head loss Calculation for fire fighting and water supply pumps.
* Preparation / Lead of MEP shop drawings teams.
* Preparation of BOQ to mobilize the work in site as per planning programs.
* **Fire hydraulic manual calculations** for water supply and fire fighting systems as per hazen Williams and Hierchy wiechmann methodology using Reynolds numbers formulas for accuracy.
* Energy code compliance knowledge with related to HVAC standards like ASHRAE 62.1, 90.1, 55.

**SOFTWARE EXPERTISE**

Softwares : HAP Software, SMACNA

CAD Software : AutoCAD

Operating System : Windows 7, Windows 10

MS Office : Word, Excel