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**MOHAMMAD**

**Email:** **MOHAMMAD.374363@2freemail.com**

**Visa status: Visit (Valid until 23-Jan-2018)**

**Address: Hor Al Anz, Deira, Dubai, UAE.**

**CAREER OBJECTIVE**

To take up a challenging job that would help me to upgrade my knowledge and to contribute the organization goals by effectively using conceptual skills and knowledge gained through education and experience.

**PROFESSIONAL EXPERIENCE**

**PERIOD : JULY 2016 TO SEP 2017**

**ORGANISATION : SUNTECH AIRCONDITIONING Region : Hyderabad, India.**

**DESIGNATION : Mechanical Engineer Functional Area : Design & Execution.**

**Duties and Responsibilities**

* Initial design and heat& cooling load calculations by using HAP4.31.
* Preparing single line layout according to the heat load calculations by H.A.P output.
* Ventilation Outdoor design calculation as per ASHRAE 62.1 Std.
* Calculating the exhaust air capacity from the building by using ASHRAE 62.1 Std.
* Duct Design & duct Size calculation.
* Equipment selection from the suppliers based on the calculated capacities.
* Calculate the chiller capacity and pump head calculations and their pipes sizes by carrier chart for closed Piping system.
* Preparing Shop Drawing in AutoCAD.
* Review the shop Drawing and Material Submittal.
* Reviewed reports and studies to identify deficiencies and participate in the planning of construction/redesign programs.
* Assisting the general building contractor or an appropriate work agency in establishing contact with the Local Authorities to facilitate early availability of water supply, sewerage and electricity connections.
* Ensuring that holes for anchors/conduits/pipes are left in masonry or concrete at appropriate time and anchors/conduits/pipes are embedded or built in as required.
* Notice wastage of resources/utilities and arrange to minimize these immediately.
* Contribute towards housekeeping and keeping MEP installations in neat and clean status.
* Assist in periodic inspections with other departments/third parties as advised by superiors – commercial teams/insurance teams.
* Maintaining good and healthy relations with and between the various contractors/agencies working at site.
* Ensuring that all operations are carried out with complete safety to life and property.
* Maintain all the records related to the projects.
* Attending meeting with clients and Contractors in case of any discrepancies in the design to meet client’s requirements.

**Technical Skill (Plumbing & Firefighting)**

* Designing the Sprinkler system as per the NFPA13&NFPA14 (Sprinkler, Stand pipes & hydrant Hose) standards.
* Knowledge of Smoke Management system as per DCD & IMC, NFPA Standards.
* Designing Plumbing & Portable water System in high-rise building as per **IPC, IBC code.**
* Knowledge of Fire Alarm System as per NFPA72 & DCD (local Authority).

**PROFESSIONAL EXCELLENCE**

* **HVAC (HEATING, VENTILATION AND AIR CONDITIONING)**
* **REVIT MEP**
* **ASNT LEVEL – II (NON-DESTRUCTIVE TESTING)**
* VISUAL TESTING
* PENETRANT TESTING
* MAGNETIC PARTICLE TESTING
* ULTRASONIC TESTING
* RADIOGRAPHIC TESTING

**SKILL SETS**

* **AUTOCAD**
* **REVIT (ARCH/MEP)**
* **H.A.P (Hourly Analysis Program)**
* **MCQUAY DUCT SIZER**
* **MS Office- Word, Excel, Out Look**
* **ELITE(Fire6.01)**

**ACADEMIC QUALIFICATION**

* **Bachelor of Technology in Mechanical Engineering**

Jawaharlal Nehru Technological University Hyderabad, May 2016.

* **HSC**

CV Raman Junior College, March 2012.

* **SSC**

Oasis Public School, March 2010.

**PERSONAL PROFILE**

**Date of Birth : 11-Feb-1994**

**Gender : Male**

**Nationality : Indian**

**Marital Status : Single**

**Languages Known : English, Urdu, Hindi**

**Visa Status : Visit**

**DECLARATION**

I hereby declare that the above information is correct to the best of my knowledge and belief. I have self confidence in myself and I can assure you that if given an opportunity to prove my abilities, will work with zeal and enthusiasm to fulfill the aims and the goals to the organization.