Mohammed.361762@2freemail.com

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| **Mohammed** **Mechanical Engineer****Driving License:**Issued place :DubaiIssued Date : 19.05.2012Expiry Date : 19.05.2022**Personal Details:**Date of Birth : 12.07.1986Marital Status : SingleGender : MaleNationality : Indian**Languages Known:**English, Hindi and Kannada  | **CAREER OBJECTIVE:**Work with an organization which utilizes my technical ability towards achieving the goals of the organization. I aspire for a career that would provide me challenging opportunities in technical development.**WORK EXPERIENCE:***Total Experience : 7+ Years ( from July 2009 )* *3.5 Year’s Design +4 Year’s Site.*I) Organization: **Lumira Technical Service’s-Dubai.** Designation : Technical Manager Department : Plumbing, Drainage, Fire Fighting and HVAC  Duration: November 2016 to Till now.I) Organization: **Kling consult-Dubai.** Designation : Mechanical Engineer Department : Plumbing, Drainage, Fire Fighting and HVAC  Duration: June 2014 to October 2016.II) Organization: **Specialised Engineering Consultant-Dubai.** Designation : Mechanical Design Engineer and Site Inspector  Department : Plumbing, Drainage, Fire Fighting and HVAC  Duration: October 2011 to March 2014.II) Organization: **Specialised Engineering Consultant-India.** Designation : Mechanical Design Engineer Department : Plumbing, Drainage, Fire Fighting  Duration: July 2009 to October 2011.**KEY SKILLS:**Design, Supervision, installation, testing, commissioning of Mechanical systems (HVAC, Plumbing and Firefighting systems).**EDUCATONAL QUALIFICATION:****Mechanical Engineer** from HMSIT Engineering College, Vishvashwariya University Karnataka, India.**PROJECTS INVOLVED:****Current Project :** (*November 2016 till date*)Project : **British Canadian Colombian School**Role : Technical Manager for HVAC and Firefighting services Main Contractor : Al Jihan Contracting LLC.Consultant: Signature Consult.***Previous Project:*** *(June 2014 to October 2015)*Project : **Abu Dhabi Airport Business(ADAC) Park –T3**Role : Mechanical Engineer for HVAC, Plumbing and Firefighting services Main Contractor : Pivot Contacting CompanyConsultant: Kling Consult.***Previous Project:*** *(August 2015 to October 2016)*Project : **Al- Khail Gate, 5700 BTU meter installation** Role : Mechanical Inspector for complete installation testing and commissioning of Chilled water system.Main Contractor : ISTA Contacting CompanyConsultant: Kling Consult.***Previous Project:*** *(September 2015 Replacement Engineer)*Project : **Dubai Design District-D3** Role : Mechanical Inspector for installation, testing and commissioning.Main Contractor : Amana Contacting CompanyConsultant: Kling Consult. |

***Previous Major Projects:*** *(July 2009 to March 2014)*

1) Project: **Carrefour at Sindaga, Dubai, Water cooled chiller 2500 TR**

 Role: Heat load calculation, Ventilation calculation, design

 Consultant: Specialised Engineering Consultant.

2) Project: **Dubai design district D3 , Empower district cooling 9600 TR**

 Role: HVAC and Plumbing Design and Drafting.

 Consultant: Specialised Engineering Consultant.

3) Project: **Herbal treatment center, Dubai Air cooled chiller 700 TR**

 Role: Design of HVAC complete system including Heat load and ventilation calculation,

 Design and drafting

 Consultant: Specialised Engineering Consultant.

4) Project: **Zayed Military Hospital, Abu Dhabi VRV system- 300 TR**

 Role: Heat load calculation, Ventilation calculation, design and drafting

 Consultant: Specialised Engineering Consultant.

5) Project: **Chemical ware house, Dubai, Air cooled Chiller -400 TR**

 Role: Design of HVAC complete system including Heat load and ventilation calculation,

 Design and drafting

 Consultant: Specialised Engineering Consultant.

6) Project: **Amana Contracting New building, Air cooled VRV system-300 TR**

 Role: Design of HVAC complete system including Heat load and ventilation calculation,

 Design and drafting.

 Consultant: Specialised Engineering Consultant.

7) Project: **Emirates simulator training center at silicon Oasis, Air cooled chiller-700 TR**

 Role: Heat load calculation, Ventilation calculation, design and drafting

 Consultant: Specialised Engineering Consultant.

8) Project: **Al Barari villa 7.4 and 9.1 at Dubai**

 Role: Design of HVAC complete system including Heat load and ventilation calculation,

 Water supply and drainage

 Consultant: Specialised Engineering Consultant.

9) Project:  **40 story Choice Tower at Cochin, India**

 Role: Design of water supply, drainage and Firefighting and site supervision

 Consultant: Specialised Engineering Consultant.

10) Project:  **26 story super stone apartments at Calicut, India**

 Role: Design of water supply, drainage and Firefighting and site supervision

 Consultant: Specialised Engineering Consultant.

**RESPONSIBILITIES:**

**Design Responsibility:**

* Reviewing the architectural drawings and preparing the inertial MEP Space requirement.
* Preparing concept design report (CDR) for the required project.
* Calculation of domestic water demand for the desired project.
* Calculation of pump head for the requirement.
* Calculation of booster pump calculation.
* Domestic water pipe sizing and related design.
* Preparing layout plan for water supply drawing coordinating other services
* Preparing layout plan for drainage design and calculation of slope for man hole

And pipe.

* Selection for type of firefighting system used for the building in accordance with UAE fire code.
* Preparing layout plan for firefighting design for sprinkler system, Hydrants, Pump room, fire hose cabinet, pipe sizing and related design as Per NFPA and UAE fire code.
* Design of heat load calculation for the proposed building. And executing the same in the layout.
* Fresh air and extract air calculation and balancing of positive and negative pressure based on the requirement, and executing the same in the layout.
* Design for basement car park extract system and preparing the drawings.
* Design of Chilled water pipe sizing, and duct sizing.
* Preparing final tonnage for the building and calculating diversity.
* Selection of FCU, AHU, FAHU, Chillers, Fans, diffusers, DX indoor and outdoor units.
* Preparing schematic drawings for fresh air extract air and chilled water design
* Preparing coordination drawings.

**Site Responsibility**

* Reviewing the Shop drawings, Material submittal, and Coordination of MEP services and As-built drawings.
* Inspecting and monitoring the installation as per drawings for complete Water supply, Drainage, Firefighting, and HVAC systems.
* Checking the balancing of air flow in FCU, AHU, and FAHU.
* Checking the water balancing of chilled water system.
* Testing and commissioning of Domestic water Transfer Pump, Sump Pumps, Booster pump, circulation pump.
* Testing and commissioning of Stair case fan, Corridor extract fan, basement extract fan.
* Testing and commissioning of chilled water pump pressurization unit and chiller.
* Testing and commissioning of water leak detection system.
* Testing and commissioning of BMS system interlock with Mechanical services.

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| DECLARATION  Have good interpersonal skills, with an eagerness to learn and perseverance towards attaining goals. Able to take project from conceptualization to implementation.  |
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