 **TAJUDDIN**

**MEP-MECHANICAL ENGINEER(HVAC,P&F.F)**

**COMMUNICATION ADDRESS**:

Dubai, U.A.E

Email ID: [tajuddin.375094@2freemail.com](mailto:tajuddin.375094@2freemail.com)

**LEED GA v4 Certified.**

**PROFILE:**

Hello, Myself TAJUDDIN, a Mechanical Graduate from Hyderabad, INDIA. Presently residing in Dubai, U.A.E and was working as MEP-Mechanical Engineer in a mixed development tower project.

**OBJECTIVE:**

To obtain a “Mechanical Engineer” in any levels where I can Share my Green Building’s knowledge & technical professional skills to the optimum level and enriched looking for the opportunity where I can enhance quality to achieve organizational goal for carrier growth.

**EXPERIENCE: ( 6 y r s . 4 m o n t h s )**

* **Working at Project Build Co., Khobar, Saudi Arabia since 3.3 years as MEP-Mechanical Engineer on different projects (Hospital, Business towers)**
* **Worked at AL-HADI CONTRACTING COMPANY, Khobar for 1.3 years as Mechanical Site Engineer**
* **Worked at ZOH-AIR CONDITIONING CONSULTANTS, Hyderabad, India, for 1.8 years as Mechanical Site Inspector**

**LEED ACCREDIATION**

LEED acts as one stop solution for all the environmental impacts of the buildings on mother earth. I have pursued **LEED Green Associate** accreditation with excellence , for my special interest on sustainability and green building.

**SKILLS & KNOWLEDGE**

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| 1) | AUTOCAD | 6) MS Office ( Excel, Word) | 11) McQuay Duct Sizer |
| 2) | HAP | 7) ASHRAE Duct fitting Software (ESP Calculation) | |
| 3) | Elite ( Fire Pump head) | 8) McQuay Pipe Sizer | 12) NFPA 13,14,20, & 101 |
| 4) | IPC/UPC CODES | 9) SMACNA Standard | 13) ASHRAE Standards |
| 5) UAE LIFE SAFETY CODES | | 10) Solid Works | 14) Ansys |

MEP Mechanical Engineer(HVAC,Plumbing,&Firefighting)

Project Build Co. (PBC), Al-Khobar Saudi Arabia.

**PROFESSIONAL EXPERIENCE**

**1)** Organization **:**

Designation **:**

Period of work **:** August 2014 to Present.

**PROJECT: 1**

**Project Name :** Al MAJD SQUARE @ Al-Jubail. (11 Floors Hotel , 11 Floors Office &Precast

59Villas)

**Client Name** : AL-MAJDOUIE GROUP.

**Consultant** : AS-SYSTEM RADICON CONSULTANTS.

**Location** : Al Jubail.

**Project Cost** : 180 million SAR

**PROJECT: 2**

**Project Name :** Al MOUWASAT HOSPITAL @Al-Jubail.

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|  |  | (120Beds & Clinics) (ROYAL COMMISSION JUBAIL) |
| **Client Name** : MOUWASAT MEDICAL SERVICES (MMS). | | |
| **Consultant** | : | Fahd Alireza Engineering Consultant (FAEC). |
| **Contractors** | : | PBC General Contracting Co. |
| **Location** | : Al Jubail. | |

* Having Experience in **Cooling Load Calculation & Stairwell Pressurization system** as per **ASHRAE 62.1 & 90.1, ESP Calculation for Fans** as per **SMACNA** Standard and **Chilled**

**Water Piping & Pump Capacity Calculation** as per ASHRAE & Local Standards.

* Having Experience in **Site Execution** as per given schedule**.**
* Having Experience in **Preparing Shop Drawings , Coordination Drawings & As-**

**Built Drawings.**

* Knowledge in UAE Local authorities like Civil Defense, DEWA.
* I can Coordinate with Authorities like (Civil Defense, DEWA) to obtain approvals for No Objection Certificates and drawings.
* Ability to Coordinate with MEP works at each stage of civil works.
* Ability to Coordinate with Consultants to obtain timely approvals for inspection requests, drawings and other submittals.
* Coordinate with other sub-contractors to provide their MEP requirements.
* Record and report all Non-conformances and suggest preventive actions for close outs.
* Prepares and provide weekly and monthly project progress reports to the Project Manager.
* Attends weekly progress and coordination meetings.
* Monitors the work of all subcontractors
* Verification of Basis of Design (BOD) & Project Execution Plan(PEP) as well as all

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| Client provided | data Coordinating | | with all disciplines (as necessary) | | | in the |
| preparation and | development | of | the deliverables and | ensuring | that | other |
| disciplines input | is incorporated. | Supervise work of other | | Discipline | engineers | |

assigned to the projects.

* Having Experience in **Estimation and Costing in whole Mechanical System** ,and Preparing the Breakdown all Lump Sum Items, and also used during Monthly

Invoices.

* Having Experience in **Preparing Variation Order.**
* Expert in Working Based on **Project** **Spec’s** & **IFC drawings.**
* Having Experience in Installation, **Supervision** in the field of HVAC System (Ducting, FCU, AHU, Chilled Water piping, Exhaust Fans, Pressurized Air Fans, Etc.
* Having Experience in **BMS System,DDC System, MCC**, and locating of **Field Devices** on AHU’s & FAHU’s, CHILLER’s.
* Having Experience in **TAB(Testing,Adjusting & Balancing)**that includes **Air Balancing**

**& Water Balancing .**

* Having Experience in Plumbing System as per International Plumbing codes (IPC2009, UBC, & Local Codes) (Drainage, Strom water, Irrigation System and Water supply System).
* Having Experience in **Fixtures Load Calculations** as per International Plumbing codes (IPC2009, UBC, & Local Codes) to find Capacity of Domestic Cold Water Pump , Circulating Pump and Irrigation Pumps.
* Having Experience in **Testing & Commissioning** in Plumbing System.

 Having Experience in Designing, Installation, Testing & Commissioning of Fire

Fighting System

 Having Experience in Fire suppression system (NOVEC, CO2, FM-200 System).

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| **2)** Organization | | **:** Al Hadi Contracting company, Dammam, Saudi Arabia. |
| Designation**:** MEP-Mechanical Engineer (Site Engineer) | | |
| Period of work **:** May 2013 to August 2014. | | |
| **PROJECTS 3:** |  |  |
| **Project Name** : | | AL ARIFI TOWER BUSSINESS CENTER (with 28 floors). |
| **Client Name** | : | AL ARIFI. |
| **Consultant** | : | Abdullah Al Suhami Design Office (ASDO). |
| **Location** | : | Al Khobar. |

**Project Cost** : 110 million SAR

* Having Experience in Installation of Dry & Wet Type Sprinklers system, and also making the Shop Drawings as per **NFPA 13** standards and Local Civil Defense.
* Having Experience in **Installation & Supervision** in **FM-200 (HFC 222ea) suppression** **system**
* Having Experience in Installation, Testing Commissioning of Fire Pumps as per NFPA20.
* Having Experience in Fire suppression system (NOVEC, CO2, FM-200 System).
* Having Experience in HVAC System as per SMACNA Standard and Saudi ASHRAE Standards.
* Having Experience in Designing, Installation, Testing &Commissioning in the field of HVAC

System(Ducting,FCU,AHU,Chilled Water piping, Exhaust Fans, Pressurized Air Fans,Etc.)

* Guiding Draughtsman for preparing drawings as per consultant's approval.
* Preparing **RFI's ,** **I.R & TCQ’s** for the consultant approval and supervising all the Mechanical works at site.
* Estimation and Costing.
* Assist sales and planning engineer in Estimation and Quantity take off.
* Assist site staff by giving information from drawing.

**E D U C A T I O N A N D Q U A L I F I C A T I O N :**

 BACHELOR OF MECHANICAL ENGINEERING:

Completed my graduation course from MJCET, Hyderabad, India with**- 78.02%**

* DIPLOMA IN MECHANICAL ENGINEERING:

Completed my diploma course from Government Polytechnic College, warangal, with **Academic Grade 79.36%**

* SENIOR SECONDARY SCHOOL with **Academic Grade 78%**

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| ***P E R S O N A L D E T A I L S :*** |

**P E R S O N A L I N F O R M A T I O N :**

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| Date of birth | **:** | 16-12-1991 | |
| Nationality | **:** |  | Indian |
| Religion | **:** | | Islam |
| Marital Status |  | **:** | Single |

Languages known **:** English, Arabic, Hindi ,Urdu, Telugu

Address **:** Al Jubail, KSA.

Driving License **:** Saudi Arabia , India

I would like to assure that I am capable to handling the above mentioned job independently, which suits my experience with utmost come to the total satisfaction of my employer with my hard work, honesty and obedience.

Anticipating for your valuable response.

Date:

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| Place: | (TAJUDDIN) |  |
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