*****NAME*** : **Mohammed**

***PRESENT POSITION*** : MEP Engineer

***PROFESSION*** : Mechanical Engineer

***SPECIALIZATION*** : Design & Construction of Mechanical Building Services

***QUALIFICATION*** : Bachelor of Mechanical Engineer – Osmania University

***EMAIL*** : **Mohammed.375282@2freemail.com**

**PROFILE:**

15 years of experience including MEP Design, Site Supervision, Services Inspection and Project Coordination**.**

Core skills are HVAC, Water Supply, Drainage, Fire Protection, Irrigation, Pneumatic, 3D CAD, BIM and REVIT**.**

Served projects in sector of Building, Villas, Commercial, Residential, Hotel, Mall, Education and Health Care**.**

**EMPLOYMENT HISTORY:**

2017 to Present : Al Dirham Contracting LLC – United Arab Emirates

2008 to 2017 : Utilities & Industry Power Services – Kingdom of Saudi Arabia

2007 to 2008 : Mega Computing Singapore Pte Ltd – Singapore & Southeast Asia

2002 to 2006 : DesignTech Systems Limited – India

**WORK EXPERIENCE:**

Town House Villas – Nad Al Sheba, Dubai:

30 community Villas – G+1 floor and includes club house, sports court, park, walkways and community pool.

Responsible for BOQ review, site supervision, co-ordination, inspection & field report of Mechanical services.

Four Seasons 5–Star Hotel – Jeddah, KSA:

EPC for Midad Real Estate, 34 floor hotel 137m high on 200,000 sqm. Design basement for building services.

9-storey podium for retail shops, meeting room, ball room, parking. Podium roof has garden, outdoor Jacuzzi

swimming pool, lounges, cabanas, spa & restaurant. 23 upper floors for 275 suites & 75 serviced apartment.

Ajdan Water Front Buildings – Al Khobar:

Two adjacent towers 40 floors each, the luxury residential contains 180 housing units on area of ​​40,000 sqm.
The 5 Star hotel includes 275 rooms, restaurants, commercial building, walkway, garden and water fountain.

Dr Sulaiman AlHabib Hospital – Al Khobar:

22 Floor twin buildings on 290,000sqm with 100 ICU bed, 50 emergency bed, 400 in-patient, 290 out-patient, 16 birthing, 2 cardiac catheterization, 10 operation theatre and 3 building of 342 apartment for Staff housing.

Aramco Villas and Apartments – Dhahran:

Worked with Azmeel, Arabtec and Khonaini. Project includes 955 villas, 13 buildings for family and bachelor

apartment, mosques, schools, hospital, community hall, recreation centre, pump station & department store.

Azmeel Commercial Building – Al Khobar:

Worked with CONCEPT consultants for MEP Design & Azmeel construction for Site supervision of G + 3 floors

built as administration office with business center, spacious lobby, worship room, restaurant & drivers room.

Damac Residential Twin Towers – Riyadh:

Towers with 32 & 37 floors with height of 150m, contain 100 mix service apartment of 1-2-3 bedroom suites

215 hotel rooms, furnished kitchen, in-room beauty service, kids club, private parking & top floor penthouse.

Al Qasr Shopping Center and Mall – Riyadh:

On 244,809sqm area with G+3 floors, designed 52 shops, restaurants, coffee shops, food courts, prayer area,

panoramic & service elevators, travelators, escalators, a kiddie train, boating & Ice-skating area and car park.

Karan Suites and Apartments – Al Jubail:

Community apartments with G + 3 floors, contains mix of 1- 2- 3 bedroom suites, reserved and guest parking

recreation centre, multi-purpose hall with buffet, store area, bride room, prayer hall and roof top penthouse.

Al Rushaid Village Extension – Al Khobar:

Design and construction of 162 units in 3 different styles; single-detached-villas, duplex-style and apartments.

Also extend the MEP services including tele-communication, mosques, children park and recreation building.

Juman Village Half Moon Bay – Al Khobar:

Two storey 380 villas in choice of Mediterranean, Modern & Traditional Arabic style including private car park. It includes mosque, kids play area, schools, post office, police station, civil defense station & municipality office

Sahara Deluxe Villas – Jubail and Yanbu:

280 villas, G+1 in styles of Arabic, Modern & Andalusia; large carport, traditional separate entrance for men and women. Elementary school for girls, Intermediate school for boys, pump station and department store.

ADC Compound Gulf Garden – Al Khobar:

The project was designed and constructed for western expats working in Eastern Province. The Housing units

consist of 2 & 3 bedrooms villa, the compound includes recreation centre, swimming pool & basketball court.

Al Jude Residential Compound – Al Jubail:

Project consists of designing 217 villas with mosque, recreation building, kids play area and service building.

Nama Villas and Apartments – Al Jubail:

5 concept designs with detailed engineering & BOQ for 181 villas and 8 multi-storey apartment. Infrastructure

includes BIM of ducting, water supply, storm drainage, roads, power distribution, street lighting & telecoms.

**RESPONSIBILITIES AND CAPABILITIES:**

* Site *Supervision* of HVAC, Water supply, Drainage, Irrigation line, Fire protection, Pneumatic, Electrical
* *Verification* of MEP services as per Approved drawings, specifications, authority guidelines & transmittal
* *Review* Builders work drawing, shop drawing, as-built drawing, material submittal & method statement
* Identify contradicting work, get corrective measure & raise *Non Conformance Report* for QC *Inspection*
* Organize coordination *meeting*, to discuss Project Update with Client, Consultant & other Contractors
* *Review* Shop drawings to check field work co-ordination with design; revise getting feedback from Site
* Perform Inspection in compliance to *Approved Material Submittal & Specification* of supplied material
* Mentor the team during *Installation* of Split Units, Package Units, FCUs, AHUs with joining accessories
* Prepared technical *Schedule* of Chillers, FAHU, FCU, Condensing units, Exhaust Fan, Heaters, Pumps, etc
* Calculation & detail *Design* of HVAC system, Water supply, Drainage, Fire protection, FAHU, Plant room
* Prepared coordination *Drawing* with all services to harmonize Architects, Structural & Mechanical team
* Prepared Transmittals, Reports, BOQ, answer Letters and write Technical *Documentation* about project
* Follow standards, Calculations, detailed *Design* for internal and external Plumbing systems and Pumps Hydraulic & Hydronic system, Drainage system layout, Septic tank, Storm water layout, Irrigation system HVAC system, Duct details, Cooling tower & Lift station, Chilled water piping system, Thermal Exchanger Hydro Pneumatic system , Fire Protection system, Compressors, Instrumentation & Monitoring control

**SOFTWARE SKILLS:**

***CAD and MEP*** : AutoCAD, BIM – REVIT, I-Deas NX, CATIA, Carrier E20-II (Block Load 3.05) and HAP

**PERSONAL PROFILE:**

***NATIONALITY*** : Indian

***MARITAL STATUS*** : Married

***DATE OF BIRTH*** : 21 – June – 1980