

# AIJAZ AHMED OSMANI

## MECHANICAL ENGINEER

Detail-oriented and experienced Mechanical Engineer expertise in designing & execution, planning, quality control and implementing mechanical systems for residential, commercial, and industrial projects. Proven ability to deliver high-quality designs that meet project requirements, codes, and sustainability standards.

## WORK EXPERIENCE

Apr 2024 – Present

**Mechanical Engineer**

**Dar Al Balad Contracting, Riyadh, KSA**

Mar 2022 – Apr 2024

**MEP Engineer**

**Unique Contracting Service, Hyderabad, India**

Jan 2019 – Mar 2022

**Fire Fighting Engineer**

**Mars Projects, Hyderabad, India**

- Design of MEP systems like HVAC, Fire protection system, Fire detection & alarm system, Public address system, FM-200, Fire extinguishers etc.
- Execute system designs using HAP, Carrier, Equal Friction, Static Friction etc.
- Ensure designs meet standards like ASHRAE, ISHRAE, SMACNA, NBC, IS, SBC, NFPA etc.
- Carry out site inspection on completed works with MEP coordinator & consultant in accordance with the approved shop drawings.
- Ensure that all MEP site activities are conducted under controlled conditions as per shop drawings, method statements, and specification and work plan.
- Reviews of construction/engineering methods, procedures, policies and ITP have to ensure the Contractor complies.
- Ensure that all inspection and testing intervention points are achieved within the ITPs.
- Monitor Documents & Records of all the project activities.
- Documents and communicates inspection results in a clear and concise manner.
- Maintain all quality records and compile into completion manuals.
- Inspect the materials delivered to the project site for compliance with approved materials data / samples.
- Ensure that testing of the materials is carried out in accordance with the project specifications and relevant codes/standards. Reject and ensure removal and replacement of non-compliant materials.
- Assist in review of Method statements as per project specification, codes and standards.
- Preparation of technical datasheet based on the BOQ requirements and getting the approval for the same from consultant/client within stipulated timelines.
- Execution with installation, testing and commissioning of pipe, sprinkler, hose reel, hydrant valve, wet risers and fire pumps.
- To take measurements of pipe installation and submit it to the project engineer.
- Include site supervision, execution, coordination, preparation of submittals, construction schedule, quantity takeoff etc.
- Coordinating with other fellow contractors and taking clearance to maintain the work flow.
- Preparing weekly and monthly progress and assessing them against the project schedule.
- Execution of fire alarm system with cable looping as per the drawing.

### Personal Details

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☎ +966560074494

🏠 Riyadh, KSA

📅 February 26, 1996

### Skills

- AutoCAD
- RevitMEP
- Ansys
- Solidworks
- Microsoft Excel
- Microsoft Word

### Certifications

- RevitMEP
- AutoCAD
- HVAC

### Qualities

- Problem Solving
- Quality Assurance
- Analytical Thinking
- Adaptability
- Critical Thinking
- Attention to Details

## Positive Treds

- I am an optimistic person and have capability to work with perseverance.
- I am a swift learner and have a ability to learn different skills.
- Dedicative and innovative in any kind of projects to achieve an outstanding result and committed towards efficiency.
- Achievement oriented with innovative ideas and flexible nature.

## Languages

- English
- Hindi
- Urdu

- At site inspection time, following safety rules and regulation at different hazards area.

## OTHER EXPERIENCE

- Work on Revit MEP Modeling.
- Developing Mechanical, Fire & Plumbing Templates.
- Developing of MEP Families.
- Preparation of Shop and as built 3D & 2D Drawings according to the given standards.
- Preparation of BOQ of System Accessories.
- Using Worksets & Filters for creating Duct, Piping, Cable tray Systems.
- Coordination of BIM Projects using clash detection tool.
- Good knowledge in Navisworks.
- Good knowledge in Revit Linking, Workset, Project Browser, Visibility Graphics, Filters, Object Styles, Drafting Views, Legend & Tags etc.
- Toilet & Kitchen Ventilation system Modeling.

## EDUCATION

2014-2018	<b>B.E Mechanical</b> <b>Osmania University, Hyderabad, India</b>
2012-2014	<b>Intermediate</b> <b>M.S Junior College, Hyderabad, India</b>
2011-2012	<b>S.S.C</b> <b>The School, Hyderabad, India</b>

## GENERAL

<b>Nationality</b>	<b>Indian</b>
<b>Marital Status</b>	<b>Single</b>
<b>Passport No.</b>	<b>V1783517</b>
<b>Driving License</b>	<b>Yes</b>
<b>Visa</b>	<b>Transferrable Iqama</b>
<b>Iqama Number</b>	<b>2603740875</b>

## DECLARATION

I hearby declare that all information above is true to my knowledge.