

# FAIZ AHMAD FAIZ



Mechanical Engineer

SCE Membership No.: 540064

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Riyadh, KSA



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## KEY COMPETENCIES

- Project Management
- Design Review
- Construction Drawings
- Site Supervision
- Testing & Commissioning
- Technical Codes & Standards
- Quality Assurance
- Budget & Cost Control
- Project Planning & Scheduling
- Commercial Management
- Stakeholder Management
- Standards & Practices for Green Buildings
- Risk Mitigation

## SKILLS

- Leadership & Team Player
- Logical and Reasoning
- Analytical Thinking
- Decision Making
- Problem Solver
- Excellent Communication
- AutoCAD
- MS Office

## EDUCATION

- Bachelor of Engineering - Mechanical, Calorx Teachers University Ahmedabad Gujrat, India
- Diploma in Drafting Designing Mechanical Engineering, Aligarh Muslim University, UP, India

## CERTIFICATIONS

- Project Management Professional (PMP)-on going
- BACS OSHA Outreach training (Riyadh Metro Project, KSA)
- Aconex, GIMMI, WAD, PTW PERMIT & LOTO Q4

## PERSONAL DETAILS

- Date of Birth: 25 November 1979
- Marital Status: Married
- Languages Known: English, Urdu & Hindi & Arabic (Basic)
- Driving License: KSA
- Saudi council of engineer: (SCE) membership ID No# 540064

## PROFILE SUMMARY

- A highly accomplished and results-driven Mechanical Engineer, with over 15 years' experience gained in MEP EPC and turnkey Projects for many prestigious clients like- **Red Sea Global, Qiddiya Investment Company, Royal Commission for Riyadh City, Al Othaim Investment, Intercontinental Hotel etc. Expertise in Construction Management, Quality Control, Testing & Commissioning for HVAC, plumbing, fire suppression systems, infrastructure utility for Highrise towers, 5-star hotels, Malls, Commercial buildings, Wet utilities.** Responsible for manage the project based at job site or at an office. Outline a sequence of activities needed to complete work and construction projects and connect the resource together to ensure successful job completion.
- Adept at preparing and reviewing technical documentation, including shop drawings, material submittals, and as-built drawings, while focusing strongly on cost optimization and value engineering.
- Hand-on experience in different divisions of MPF such as Plumbing, FF, Medical Gas, LPG system & HVAC.
- Plumbing & Drainage Involves Underground & above ground water and drainage lines with valve chamber and sewage Manhole, Sewage Pumping chambers, Domestic & Irrigation water pump rooms, Sanitary fixtures installation etc.
- Fire -fighting system involves-Installation of piping, sprinkler head all types, Fire Hose reel with cabinet, Fire hydrant, extinguisher, landing valves, ZCV, pump room installation, FM 200 in electrical substation, Foam agent system in Diesel Generator room. Compressed air system and auto drain valve installation.

## CAREER HIGHLIGHTS

- Delivered the project with an impressive 1 million manhours without a single Lost Time Incident (LTI).
- Completed the project amidst the challenges of the COVID-19 pandemic.
- Contributed to one of the largest Al Othaim Hyper Mall in the Hafar Al-Batin KSA.

## KEY PROJECTS

- The Red Sea Project (TRSDC), Saudi Arabia's flagship international tourism project-Red Sea-KSA
- Qiddiya Theme Park-Riyadh-KSA
- Riyadh Metro (BACS) East Depot,2G1 station Riyadh-KSA.
- Al Othaim Hyper Mall Hafar Al-Batin -KSA.
- King Abdullah Palace Morocco-Country in North Africa
- MTBA Palace Riyadh-KSA

## CAREER SNAPSHOT



## WORK EXPERIENCE

### IEC, Qiddiya Theme Park, Riyadh, KSA, March 2024 – Present

#### Mechanical Engineer

- Responsible for all mechanical based project (infrastructure work).
- Resource planning based on the project implementation plans for the project completion within the targeted project tenure.
- Ensuring that all necessary permits and licenses were secured before commencing site work, verifying compliance with regulatory authorities.
- Managing technical coordination meetings with consultants, utility providers to resolve issues and ensure project alignment.
- Providing comprehensive project status reports to senior management, stakeholders, and clients, maintaining transparency and informed decision-making.
- Responsible for all type of Piping embedded and exposed & Equipment erection and installation.
- Mechanical material takes off for firefighting, plumbing and HVAC, chilled water system.
- All Fire Fighting installation work, like sprinkler network, fire house reel, fire hydrant, alarm check valves installation FM-200 for control, & electrical rooms.
- Installation of drainage network, portable, non-portable network, compressed air system.
- Coordinating with end-user/proponent for seamless project closeout and handing over requirements such as Built, OMM, Snags, Training, T&C requirements, Warranties or Guarantees.

### Service Design Technology and partner Consultant Engineer (SDT), Red Sea, KSA, Feb 2022– March 2024

#### Mechanical Engineer

- Attend Inspection Request (IR) of Fire Fighting System (Installation of Pipe & Fitting, FM 200, Foam System, Sprinkler, Support, Pressure test, Flushing etc.), Fire Sealant, domestic water supply, Sewage & Sanitary, Plumbing, Dry & Wet Utilities etc. Reviewing the technical calculation's review for Mechanical Long lead equipment's.
- Assessing mechanical material submittal e.g. Chillers, Pumps, AHU, FCU, CRAC Unit Valve, Pipe & Fitting For all systems etc.
- Check and verify of HVAC Equipment's (VCD, FD, FCU, AHU, CHWs, DX & VRF etc.) with smoke test installed as per approved Method Statement and Inspection Test Plan. Leading in the testing and commissioning progress and witnessing the mechanical equipment's.
- Taking Part in inspection and checking for all quality related procedures at site and ensure all activities as per Approved Shop Drawing, Method Statement and Inspection test Plan.
- Follow up for corrective and preventive actions against site instructions SOR's & NCR'S and Quality observation reports.
- Interacting with client & PMC representatives on a day-to-day basis regarding the progress & technical matters.
- Testing and commissioning for all sanitary fixtures, drainage system, cold water and hot water system, HVAC system, flushing & disinfection for domestic water supply and acoustic for sound at 45dB.
- Ensuring adherence to local building codes and international standards (ASHRAE, NFPA, IPC, SMACNA, SBC, etc.) for all mechanical systems.

### HAPCO, Riyadh Metro Project, Riyadh, KSA, August 2014– Feb 2022

#### Site Mechanical Engineer

- Responsible for all mechanical based project (infrastructure work).
- Resource planning based on the project implementation plans for the project completion within the targeted project tenure.
- Ensuring that all necessary permits and licenses were secured before commencing site work, verifying compliance with regulatory authorities.
- Managing technical coordination meetings with consultants, utility providers to resolve issues and ensure project alignment.
- Providing comprehensive project status reports to senior management, stakeholders, and clients, maintaining transparency and informed decision-making.
- Responsible for all type of Piping embedded and exposed & Equipment erection and installation.

- Mechanical material takes off for firefighting, plumbing and HVAC, chilled water system.
- All Fire Fighting installation work, like sprinkler network, fire house reel, fire hydrant, alarm check valves installation FM-200 for control, & electrical rooms.
- Installation of drainage network, portable, non-portable network, compressed air system.
- Erection and installation fire pumps, jockey pumps, water pumps, submersible pump and pipe lines.
- Erection and installation of compressed air system pipes and valves.
- Testing and commissioning of water sprinkler, foam deluge, FM-200, Co2, firefighting systems.
- Providing full technical support to operation & maintenance team.
- Manpower organizing and controlling on site.
- Installation Electrical water heater & FD, RD, BD, CO, sanitary fixtures.
- Arranging inspections and quality control on project.
- Monitoring work schedules and control critical material and equipment for their timely delivery to site.
- Coordination with structural work, civil, architectural, electrical, works the project.
- Coordinating with end-user/proponent for seamless project closeout and handing over requirements such as Built, OMM, Snags, Training, T&C requirements, Warranties or Guarantees.

### **ETA Star Contracting Company, Delhi, India, March 2007– Feb 2009**

#### **HVAC Engineer**

- Adept in chilled water system, FCU, AHU, Air- and Water-cooled chillers, Cooling towers, Heat Exchanger package, VRF air conditioning system, Multi splits air conditioners, with various fans like Axial, Exhaust and Turbo fans and its electrical systems and requirement.
- Ensuring that inspection request (RFI) is raised for the consultant and the client inspection.
- Track record of targeting zero safety violation of team members, in terms of PPE and other works carried out at site
- Method statements for lifting, shifting and installation of equipment.
- Coordinating with other departments of civil, electrical and MEP to avoid obstacle and hurdle, so as to execution in smooth flow.
- Monitoring of site progress as per project specification, approved shop drawings and approved material submittals, ensuring targets are achieved.
- Checking of method statements for each installation & testing / discipline as per project specification.
- Interacted with the engineers and supervisors on a regular basis, towards on time completion of the projects.

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