

# MOHD JASEEM KHAN

## Sr. Mechanical Engineer (MEP) over 18 years of experience in Saudi Arabia & India

MEP construction | Design, Estimation, Execution and Testing Commissioning of Plumbing, Fire Protection and HVAC Systems | Mechanical Engineer |MOI-SFMC Medical Centre Project, Riyadh, K.S.A

Iqama : Transferable

Nationality: Indian

Current Location: Riyadh, Saudi Arabia

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### PROFESSIONAL ATTRIBUTES

- B.E in Mechanical over 18 years of experience in Mechanical Engineer Industry with good analysis of Concept Designing, Project Planning & Management, Quality Assurance & Control and Testing & Commissioning for specification of Residential Township, Infrastructure, High Rise, Road Infra, Institutional and Hotel projects with different nations India, and Saudi Arabia.

### CORE COMPETENCIES

#### Functional Skills

Project Leader ~ Strategic Decision ~ Project Planning & Management ~ Project Costing and Estimation ~ Project Management ~ Testing and commissioning ~ Quality control & Assurance ~ Customer Billing ~ Clients Relationship Management ~ Vendor Management ~ Quality Audit & Report ~ Interior and Exterior Finishing ~ Pro Active Planning ~ Technical Submittals & Document Preparation

#### Personality Traits:

Project Leader ~ Communication ~ Problem Solving ~ Hardworking & Passionate ~ Attention to Details  
Good Observation Skills ~ Proactive ~ Responsive ~ Career-oriented

### PROFESSIONAL WORK EXPERIENCE IN A DIFFERENT COMPANIES

Company	Handled Project	Duration	Position
ABV Rock Group	Security Forces Medical Center (SFMC) Riyadh,	April 2017 to Till date	Sr. Mechanical Engineer (Site)
Advance Vision Company KSA	Girls Foundation, Buraida, KSA Al Diriya farm, Riyadh	May 2015 to March 2017	Sr. Mechanical Engineer (Tech)
Al Bawani Co. Ltd KSA	KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTER Extension (KACC&LD) Riyadh	Nov 2013 to Dec 2014	Mechanical Engineer (Site)
Al Fouzan Trading & general construction co	King Faisal university housing project, Al Hasa, KSA	May2010 to Aug 2013	Mechanical Engineer (Tech)
Larsen & Toubro Limited, India	NEPTHA Cracker project, Indian Oil Corporation Limited, INDIA	July 2007 to March 2010	Piping Mechanical
MOODY INTERNATIONAL, MUMBAI,	Mid-continent Express Pipeline Project	Sept 2005-April 2007	QC - INSPECTOR

**Employer: ABV ROCK GROUP CO.LTD, Riyadh, KSA.**

**April 2017 to till Date**

**Projects : Security Forces Medical Center Project, (SFMC) Riyadh, KSA**

1248 beds Hospital project with Utility area, Residential area of Villas, single and family Apartments, recreational sporting and commercial building, helipads, separate staff and Visitor parking areas, Mosques, allied health/nursing school - Total Area of 2.5 million Square meters, Total Cost of \$7 billion.

Position : Sr. Mechanical Engineer

Client : Ministry of Interior (MOI)

Consultant : Manens

#### Job Responsibility:

- Responsible for site operations for installation of Mechanical MEP Services - HVAC, Plumbing and Firefighting, all necessary services for running of mechanical systems in Hospital.

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- Careful review of tender document including all contract related documents, IFC drawings/shop drawing, Specification, scope of works and other pretender correspondences.
- Develop method statement for the activity including risk assessment, job safety environmental analysis and checklist based on specifications and manufacturer instruction of the project.
- Identify and resolve any mechanical system issues that arise during installation or post-installation.
- Provide solutions for any challenges encountered during construction related to mechanical systems.
- Coordinate with other departments, including project managers, electrical engineers, and civil engineers, to coordinate mechanical work with the overall project schedule and activities.
- Communicate progress, issues, and recommendations to the project manager and other stakeholders.
- Participate in meetings and provide technical support regarding mechanical systems
- Efficiently manage the mechanical project budget, including cost estimation and control.
- Identify opportunities for cost savings without compromising quality
- **Infrastructure:** - DCN /DHN system and Hot Water Circulating Pump, Lift Stations, Drainage system, Water supply system, Storm water system, Irrigation system, Sewage/STP system, Fire Fighting system, Pre-Action-FM-200 & NOVEC System, Plumbing Accessories, Shop / Design drawings review and approval, LPG system, Workshop Equipment, Water Treatment system-Chemical Flushing etc.
- Review and interpret mechanical engineering drawings and specifications, Network Profile Lines, Installation Detail Drawing & co-ordination drawing. Pipe size /Flow rate /invert level /Valve location /Thrust block location & sizes.
- Determine all standards to perform inspection and tests on all procedures and oversee all testing methods and maintain high standards of quality for all processes.
- Provide daily/weekly progress reports on mechanical work for management and stakeholders.
- Ensure that all mechanical system documentation, such as operation manuals, warranties, and as-built drawings, is completed
- Prepare a comprehensive material, equipment and tools procurement schedule float enquiries for materials in line with project specification and ensure with the project Quality Compliance documents.
- Preparation of MTO (Material Take Off) Quantity through IFC Package/shop drawing.
- Ensure that the mechanical components and systems (HVAC, plumbing, firefighting, etc.) comply with local regulations, standards, and codes.
- Manage relationships with key suppliers/vendors ensuring timely delivery of material/equipment required for project execution

**Employer: Advance Vision Company, Riyadh, KSA.**

**May 2015 to March 2017**

**Girl's welfare foundation, Buraida**

Client: - MOI

Consultant: - PACE

**Al Diriya farm, Riyadh**

Client: -Prince Naïf,

Consultant: - Saudi Diyar

**Deem Plaza shopping mall**

Client: -Masic

Consultant: - Al Mamariyah

Position : Sr. Mechanical Engineer in Technical department

### **Job Responsibility:**

- Reviewing of design drawing, B.O.Q, specification/ prepare shop drawing in accordance with local building codes and specification and standards.
- Provide technical support during installation phases by coordinating with contractors/ vendors and resolving any design related issues that arise on site.
- Collaborated with across-functional teams including electrical engineers or structural engineers when designing integrated building management and control systems.
- Conduct the site visit to assess existing mechanical systems, identify issues and propose solutions for improvement.
- Making all technical submittal for each order item and submission to Consultant for approval.
- Prepare material submittal and Method of Statements in compliance with project specifications and follow up with MEP Consultant for subsequent approval.
- Coordinate with procurement for defining the materials required to execute the project and provide the technical support as required to select the material within budget.
- Raising RFI for design discrepancies or missing information upon reviewing of engineering design.

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**Employer: AI BAWANI COMPANY LTD, Riyadh, KSA.**

**Nov 2013 to Dec 2014**

**Project : KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTER Extension King Abdullah Centre for Oncology and Liver Diseases (KACO & LD) Riyadh**  
**Position : Mechanical Engineer**  
**Client : Ministry of Health (MOH)**  
**Consultant : Al Mustang**

### **Job Responsibility**

- Responsible for site installation of Mechanical MEP Services - HVAC, Plumbing and Firefighting, Medical Gases & all necessary services for running of mechanical systems in Hospital.
- Review and interpret mechanical engineering drawings and specifications.
- Raise technical query for any conflict information within the project technical document.
- Prepare comparison report between tender documents and IFC documents in terms of materials quantities, specification and scope of work to commercial department to claim any variations in project objectives.
- Assist Project Manager in advising on construction methodologies in coordination with other disciplines/contractors/ subcontractors prior to construction.
- Assist Project Manager in supervising the construction in terms of proper method of installation, material selection and optimum output of labor.
- Coordinate with planning department to define project activities within the scope of work.
- Coordinate with procurement and planning departments for defining the materials required to execute the project and provide the technical support required to select the proper materials.

**Employer: Al Fouzan Trading & General Construction Company.**

**May 2010 to Aug 2013**

**Project : King Faisal university staff housing project, Al Hasa, KSA  
288 Villas, 30 Apartment, 5 Rector Villas.**  
**Position : Mechanical Engineer in technical department.**  
**Consultant: AMCDE**

### **Job Responsibility**

- Reviewing of design drawing, B.O.Q, specification / shop drawing in accordance with local building codes and international standards, International Plumbing codes, various ducting and piping Standards.
- Collaborated with across-functional teams including electrical engineers or structural engineers when designing integrated building management and control systems
- Prepare material submittal and Method of Statements in compliance with project specifications and follow up with MEP Consultant for subsequent approval.
- Coordinate with procurement for defining the materials required to execute the project and provide the technical support as required to select the material within budget.
- Raising RFI for design discrepancies or missing information upon reviewing of engineering design.

**Employer: Larsen & Toubro Limited**

**July 2007 to March 2010**

**Project : NAPTHA Cracker project, IOCL Panipat, India**  
**Position : Mechanical Engineer for piping**  
**Consultant : EIL Consult (Engineers India Limited)**

### **Job Responsibility:**

- Study the Isometric drawing, Piping and instruments drawing layout and P&IDs. Tractability of spool as per the isometrics requirement for Fabrication and erection of spools as per ISO.
- Inspection of gaskets, support, valves prior to line reinstatement acceptance as per the latest drawing for construction, codes and specification standards.
- Pressure Testing (Hydro, pneumatic & service test) of the pipe line network & Reinstatements of the pressure tested lines. Line cleanness/flushing after hydro test & coordinate during reinstatement

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**Employer: MOODY INTERNATIONAL, MUMBAI, INDIA.**

**Nov 2005-April 2007**

**Project : Mid-continent Express Pipeline Project**

**Client : Kinder Morgan, USA**

**Position : QA/ QC - Inspector**

### **Job Responsibility**

- Lead Inspector for Inspection of HSAW OD 914.4mm 12.09mm WT, API 5L X 70 PSL2 on behalf of Kinder Morgan USA at Welspun Industries Anjar for Mid-continent Express Pipeline Project.
- Lead Inspector for Inspection of API 5L X 70 LSAW (PSL2) PIPES, OD 762mm, 11.13mm WT On behalf of Anadarko Petroleum Corporation at Welspun Bharuch.
- Witnessing the Ultrasonic Testing, Radiography Testing, Magnetic Particle Testing, Dye Penetrate Testing of the pipes.

### **EDUCATION**

**4 Years of B-Tech** in Mechanical Engineering in **July' 2001- May' 2005** from Ghousia College of Engineering, Visveswaraiiah Technological University, Bangalore, India

### **TECHNICAL SKILLS**

- **Packages:** MS Excel, Word, PowerPoint and Outlook.
- **Operating Systems:** MS Windows XP/W7, 8, 10 and MSP.
- **Programming:** CNC Programming, Carrier E-20 Heat Load manual and HAP Software.
- **Design Software's:** AutoCAD 2017, Solid Works, and Macuay Duct and pipe sizer.

### **ADDITIONAL TRAINING / COURSES**

- ASNT Level II Certification  
Ultrasonic Testing, Radiography Testing, Magnetic Particle Testing, Dye Penetrate Testing
- Project Management Professional (PMP) (The Study Ongoing)
- Risk Management Professional (RMP) (The Study Ongoing)

### **DECLARATION:**

I hereby declare that the information furnished above is complete and true to the best of my knowledge.

**MOHAMMED JASEEM KHAN**