

# AHMAD KAFI



## (Sr. Mechanical Inspector / Mechanical Engineer)

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### OBJECTIVE

Looking for a challenging position in an organization, which can utilizes my sound experience of building services in construction industry.

### SUMMARY OF EXPERIENCE

30+ Years versatile experience in the field of Mechanical Engineering, as Mechanical Engineer / Sr. Inspector, QA/QC Engineer in MECHANICAL SERVICES in Hotel, Resort, Hospital, High End Residential & office Development, for Installation and Maintenance Projects.

Oman Experience: 6½ years (Have Omani valid visa)

UAE Experience: 5 years

Saudi Arab Experience: 7 years (Currently working in KSA with transferable Iqama and registered in SEC)

India Experience: 13+ years

### QUALIFICATION

**Diploma in Mechanical Engineering** from AMU Aligarh in 1990 was securing first division marks. (Certificate is attested for KSA, UAE and Oman)

**B. Tech (Mechanical)** from J. R. N. Rajasthan Vidya Peeth University (Certificate is attested for UAE and Oman)

### TRAINING:

- Application of Hilti FS product.
- Successfully completed a course on internal audit for ISO-9000 from TQMI.

- Attended a course on SPC/SQC conducted by TQA.
- Successfully completed a course on Calibration of Instruments and gauges conducted by Simcon at Pune.
- Attended Fire Fighting, First Aid & Safety awareness program conducted by TQA (India)
- Awareness Training Course of IMS (ISO 14001:2004, OHSAS 18001:2007 and ISO 9001:2008 conducted by VQMI, Dubai.
- Attended Internal Auditors Course for QMS conducted by VQMI, Dubai.
- Attended General Safety Course (Working at Height) conducted by ETSDC, Abu Dhabi, UAE.
- Attended Combined Internal Auditor Training (Environmental Management System and Occupational Health and Safety System 14001 & 18801) conducted by VQMI, Dubai.

#### **SOFT SKILLS:**

- Working knowledge of Aconex.
- Excellent written and oral communication.
- Multi-tasked and detailed oriented.
  - Overall management and co-ordination.
  - Ability to work well both in a team and as an individual.

## **JOB PROFILE**

### **Key Duties and Responsibilities as Mechanical Engineer / Sr. Inspector.**

#### **Inspections**

- Reviews of Shop drawings, Material submittals, ITP, MOS etc.
- Inspect other Mechanical Installations such as Water Tanks, Pumps, Calorifiers, Boilers, RO system etc.
- To conduct site Mechanical inspections as required and as per Inspection Schedule and WIR's issued by Contractor.
- Review & verify Setting Out / Layout of Mechanical elements.
- Inspect Mechanical elements to confirm accuracy with approved Shop Drawings.
- Witness Mechanical tests and inspections in accordance with Contract Requirements.
- Inspect installations for Water Supply (CW, HW & TW), Drainage (Soil, Waste & Stormwater system) Chilled Water, Fire Fighting (Dry & Wet

sprinklers, Ansul, Aerosol, Foam deluge, FM200, Fire Hydrants, FHC etc.), LPG Systems, Landscaping system, all type of Kitchen equipment's.

- Inspect HVAC Installations i.e., Extract Fans, Pressurization fans, AHUs, FCUs, Chillers, Heat Exchangers etc.
- Witness Pressures tests, Flushing, Chemical Dosing etc. of piping installations.
- Verify setting out / layouts of drainage outlets, taps, valves etc.
- Inspect Ventilation Ducting installations including layouts of ducting, Ducting insulation, Fire Dampers etc.
- Verify setting out / layouts of Final Fix Mechanical elements such as Grilles, Diffusers, Sprinklers, FHRs etc.
- Ensuring that all openings/box outs/service penetrations are sealed in accordance with Specifications
- Prepare a Sign off of above false ceiling works to allow Ceiling Installations to progress.
- Understanding of British, American and International design standards.
- Witness all prescribed tests for testing and commissioning of Systems, like BMS, Fire alarm.
- Attend Mechanical snagging and de-snagging inspections and prepare snag lists as applicable.
- Mark-up Mechanical construction modifications on the drawings while on-site, assisting in Contractor's preparation of as-built drawings.
- Prepare the schedule of incomplete Mechanical works or defects prior to issuing TOC.

### **Progress Meetings**

- Attend weekly Progress Meeting if required and directed by Resident Engineer.
- Attend QA/QC Meetings and identify issues concerning quality standards.
- Attend and report site coordination sessions with Main contractor & Subcontractors

### **QHSE**

- Ensuring compliance with all QHSE rules, quality rules, health, safety and environment management
- Record and inform QSE Manager of all incidents and
- Co-operate with QSE/HSE
- Observe health and safety best practice at all
- Assist contractors to better health and safety performance on
- Reports any HSE violations on site to Safety Manager for his
- Report Quality non-conformances to Resident Engineer/ Discipline Engineer and assist in closing out of the

### **Project Coordination**

- Coordination with Architectural/Structural/Electrical Disciplines for ensuring Electrical requirements are addressed adequately
- Coordinate with Resident Engineer for site issues
- Monitor Contractor's works for compliance QA/QC Plans

- Coordinate with contractor/subcontractors site representatives for accuracy and sequencing of works

### **Reports & Records**

- Report comments on WIR's as applicable.
- Issue Site Observation Notes and NCRs as applicable.
- Prepare notes on QA/QC issues if applicable.
- Coordinate with Sr. Mechanical Engineer / RE and prepare responses to RFI's, etc.
- Check and verify Mechanical As-built drawings as applicable.

### **Key Duties and Responsibilities as QA QC Engineer.**

- Implementation of QA/QC procedures for Mechanical works.
- Attend the weekly QC meetings and raise unresolved issues.
- Raising of Inspection request and Material inspection request.
- Making MOS, PQP and other related documents.
- Complete the QC site instructions and coordinate their closure. Review inspection test packages during the course of construction activities.
- Report All QHSE & asset management incidents immediately and take necessary precautions to avoid reoccurrence.
- Planning of all the Project activities as per the Civil Contractor's construction program.
- Checking of all the jobs related to plumbing (Water Supply and Drainage), Fire Fighting and HVAC and be sure that installation work is being done properly as per the approved shop drawing.
- Checking the testing and commissioning of various HVAC, plumbing and firefighting systems
- Coordinating and monitoring of the entire project with planning

### **Key Duties and Responsibilities as Site Mechanical Engineer.**

- Installation of Air Conditioning Services including ducting, piping, Chilled water connection of District Cooling system to Heat Exchangers.
- Installation of BTU Meters for the District Cooling System for Billing Purposes.
- Installation of Plumbing (Water Supply and Drainage) systems as per approved drawing.
- To estimate, monitor and maintain the project cost in all times and to report the changes if any.
- To ensure that all materials at site are approved.
- To attend the technical as well as progress meeting with the Consultant, Main Contractor and Client representatives.
- Supervise and witness the testing of water supply and drainage system before installation of sanitary fixtures to ensure their tightness and free from obstruction.
- Abstract quantities of all accessories of Plumbing and Fire Fighting.

- Coordination and monitoring of whole project with planning department and submitting the weekly progress report and Look Ahead Program to the concerned Project Manager.
- To ensure that works to be executed as per specification and approved shop drawings by consultant.
- Monitor and inspect site Works being undertaken by the contractors/subcontractors and monitor overall progress.
- Oversee and inspect all Mechanical work and ensure that installation activities comply with contractual obligations and quality control standards.
- Follow-up with the contractor and support in coordinating with the utility authority regarding connections wherever required.
- Check plant, equipment and materials delivered are as approved and are properly stored.

## **PROFESSIONAL EXPERIENCE**

### **From December 2016 to till now: - Working as Mechanical Inspector at Dar SSH International Consultants.**

- ❖ **Working in Social Habitation Center project, Al Ula, Saudi Arabia, main contractor Nesma & Partners and Client Royal Commission of Al Ula, KSA.**
- ❖ **Worked in MANDARIN ORIENTAL HOTEL (5 Star Hotel) and residential building in Muscat as Sr. Mechanical Inspector, with Client Eagle Hills and main contractor L&T Oman, cost of project is 117 million USD.**
- ❖ **Mechanical Inspector at Dar SSH International Consultants in DUBAI CREEK BEACH project, residential building with Client Emaar and main contractor ECC**
- ❖ **DHOFAR BEACH RESORT & SPA, this is 180-million-dollar project, having 5-star Hotel, Honeymoon Villas, and Spa Center, with Client Tameer Investment and main contractor Ghantoot Oman.**
  - G+6 Story 5-star Hotel Building (BEC Contractor for MEP) in Salalah, Oman
  - Villas and Spa Center.
  - G+6 story 5-star Hotel Building and residential building in Muscat (Al Rafa MEP contractor)
  - Clusters building in DCH Dubai.

### **From October 2009 to 15TH November 2016:- Worked as Mechanical Inspector in Dar Al Riyadh, Riyadh, KSA.**

## **PROJECTS**

**KING ABDULLAH FININCIAL DISTRIC (PP-10, KAFD-C & PPA30, Zone-3), This is 8 billion US dollar project having office & residential facilities.**

- **4B+G+33 Story** office building at King Abdullah Financial District Riyadh. (**Contractor El-Seif**)
- **4B+G+16 Story** residential building at King Abdullah Financial District Riyadh. (**Contractor El-Seif**)
- **4B+G+21 Story International Hotel building** at King Abdullah Financial District Riyadh. (Contractor Saudi Binladen Co.)
- **4B+G+15 Story** residential & office building at King Abdullah Financial District Riyadh. (Contractor **Saudi Binladen Co.**)

**From February 2008 to September 2009, worked as QA/QC Engineer in Giffin Traffiks LLC, Abu Dhabi, UAE.**

#### PROJECT

3B+Ground+ 22 STORY at YAS Island in Abu Dhabi.

**From August 2004 to January 2008 worked as Site Mechanical Inspector with Ian Banham Associates, Dubai.**

#### PROJECTS

- 2B+Ground+ 12 STORY offices building.
- 1B+G+10 Residential Building.
- Villas

**From April 1993 to July 2004 worked as Site Mechanical Engineer with C.P. Kukreja Associates, New Delhi.**

#### PROJECTS

- **Jeevan Jyoti Hospital building**, in Allahabad.
- 10 STORY offices building at business center, Gurgaon.
- Office complex for GAIL at Gurgaon.
- B+G+12 Floor commercial Building for Unitech Limited at NOIDA.
- R &D Centre building for Gas Authority of India at Greater Noida.
- 4 Story Residential school building at Sohna for GD Geonka School.

**From September 1991 to April 1993 worked as Engineer with Gupta Consultants (HVAC Consultants), New Delhi.**

#### PERSONAL INFORMATION

DATE OF BIRTH: February 20th 1971.  
 FATHERS NAME: Late Mr. Baqi Billah Baqa  
 NATIONALITY: Indian  
 PASSPORT NO: U 0346354 valid up to 02.12.2030  
 DRIVING LICENSE: KSA, Dubai, Oman & Indian driving license.

Place: Al Ula, KSA

Date:

AHMAD KAFI