

# JAMALUDDIN KADIR THAKUR

## **SENIOR MECHANICAL ENGINEER**

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### **Educational Qualification**

Bachelor of Engineering in Mechanical Engineering from University of Mysore, India (1998)

### **Professional Registrations/ Affiliations:**

Kuwait Society of Engineers (Reg # 17505)

### **Experience Summary:**

More than 20 years' of experience in the field of HVAC, Plumbing & Fire Fighting works.

### **PROJECTS HANDLED:**

#### **AS CONSULTANT: -**

- ACADEMIC SUPPORT FACILITIES, KUWAIT UNIVERSITY
- AL ANDALUS MIXED USE DEVELOPMENT.
- SHEIKH JABER AL-AHMAD AL- SABAH CAUSEWAY- MAIN BRIDGE.
- SHEIKHA SALWA AL-SABAH CENTRE FOR STEM CELL AND UMBILICAL CORD HOSPITAL.
- DIWAN AL - SAGER.

- KOC OIL AND GAS EXHIBITION CENTRE.
- CTI – PAAET, SABAHIYA.

#### **AS CONTRACTOR: -**

- JABER AL AHMAD AL JABER AL SABAH HOSPITAL, SOUTH SURRA.
- COLLEGE OF BASIC EDUCATION – GIRLS CAMPUS, ARDIYA.
- NEW DEPOT PROJECT – KAFCO (KUWAIT AVIATION FUEL COMPANY).
- THE AVENUES.
- AL – TELAL COMMERCIAL BUILDING – SHUWAIKH.

#### **EXPERIENCE SUMMARY**

- Responsible for client coordination, Design and installation of various Mechanical services like Plumbing, Fire fighting and HVAC as per Specifications.
- Supervision of Chiller plant, Compressor, AHU, FCU Etc. Installation.
- Involved in designing and execution of various commercial buildings and residential buildings.
- Supervision of potable water supply, Central boiler system, Sanitary Drainage, Rain water and Storm water drainage.
- Building external and internal plumbing works.
- Under ground drainage piping & water supply piping.
- Co-ordination of pump room installation.
- Preparing and submitting quotation, preparing bill of quantity

#### **WORK EXPERIENCE**

**Company Name** : **Dar SSH International Engineering Consultants**  
**Period** : From July 2014 – To Date.  
**Designation** : Sr. Mechanical Engineer

#### **Job Responsibilities:**

- Responsible for checking Shop drawings HVAC, Plumbing & Fire Protection.
- Coordinate with other trades and services.
- Inspection of MIR, MD, checklist etc.
- Attending weekly meetings with various contractors.
- Checking monthly work done, payment.

**Project Handled As Consultant :**

1. **ACADEMIC SUPPORT FACILITIES, KUWAIT UNIVERSITY**
2. **AL ANDALUS MIXED USE DEVELOPMENT.**
3. **SHEIKH JABER AL-AHMAD AL- SABAH CAUSEWAY- MAIN BRIDGE.**
4. **SHEIKHA SALWA AL-SABAH CENTRE FOR STEM CELL AND UMBILICAL CORD HOSPITAL.**
5. **DIWAN AL - SAGER.**
6. **KOC OIL AND GAS EXHIBITION CENTRE.**

**LATEST PROJECT DESCRIPTION.**

**AL ANDALUS MIXED USE DEVELOPMENT.**

A commercial Project consisting of Cinema Halls, Malls Restaurants, Gymnasium, Clinics & Offices located in Hawally.

**LATEST JOB DESCRIPTION.** – AS MECHANICAL ENGINEER (PL/FF)

Job responsibilities included Supervision of complete Plumbing & Fire Fighting works. Irrigation System, Fuel & Gas system & water Features works. It also included Inspection of shop drawings, Material approval, Inspection of material delivered on site.

**SHEIKH JABER AL-AHMAD AL- SABAH CAUSEWAY- MAIN BRIDGE.**

SHEIKH JABER AL-AHMAD AL- SABAH CAUSEWAY- MAIN BRIDGE. Is the longest bridge over the sea in whole of the Middle East. Consisting of two artificial islands and land areas in Shuwaikh & Subiyah.

**JOB DESCRIPTION.** – As MEP ENGINEER – PL/FF

Job responsibilities include complete handling of all Mechanical works apart from plumbing works. Inspection of Shop drawing and comparing with the approved design drawing. Taking decision if there is some modification to be made in the approved design drawing. Inspection of material submittals. Inspection of site works coordinating with MEW, KFD and all project related Ministry departments. Supervising of WWTP, Water supply Plant room work. Marina work. Complete external Network of storm water, Sewage, Water Supply Fire Fighting and Fuel system work.

**Company Name** : **Bader Al Mulla & Bros. CO. (Engineering Group)**  
**Period** : From May 2007 to June 2014.  
**Designation** : Project Engineer - PL/FF

**Job Responsibilities:**

- Responsible for preparing of shop drawings for Fire Protection and
- Plumbing
- Design and coordinate with other trades and services.
- Take-off materials, order for timely delivery of materials to achieve timely completion of projects.
- Coordinate with main contractor for timely execution of work to meet
- Project CPM schedule.

**Project Handled:**

(1) JABER AL AHMAD AL JABER AL SABAH HOSPITAL

**Designation:** Mechanical Engineer – PL/FF

**Job Responsibilities:**

Responsible for all PL/FF related site work.  
Organizing and supervising Plumbing site work.  
Making of Shop Drawing.  
Coordinating with regards to drawings and site work.  
Assisting the Lead Mechanical Engineer.  
Coordinating with the Lead Coordinator for preparing Composite Drawings.

(2) **COLLEGE OF BASIC EDUCATION – GIRLS CAMPUS, ARDIYA.**

Project Duration : 34 MONTHS  
Client : Public Authority for Applied Education and Training  
Construction Managers : Hill International - SDPM

Consultant : Pan Arab Consulting Engineers  
Project Value : KD 9.5 Million Electro Mechanical Works

This project consists of 14 Buildings, Basement parking and 5 Shelters for “College of Basic Education Girls Campus” at Ardiya. The scope of MEP works is HVAC and Building Automation System includes controlled chilled water plant of capacity 7700 TR to provide Air Conditioning for Girls Campus and also for boy’s campus of equal in size. Electrical works including 5 Nos. substations and 19 Nos. generators of capacity 750 KVA, satellite Television system, Telephone system, Central Fire Alarm system, Audio Visual System etc. Plumbing works includes Drainage, Water supply & Fire Fighting System (Sprinkler, Foam and Standpipe Systems)

**(3) New Depot Project – KAFCO (KUWAIT AVIATION FUEL COMPANY)**

Responsible for all the plumbing work.  
Making of Shop Drawing.  
Ordering of material.  
Supervising Plumbing Work.  
Organizing and supervising Plumbing staff and guiding them.  
Coordinating with other services.

**(4) The Avenues.**

The project was a remeasureable type of Project.  
Responsible for all site work.  
Keeping record of all the approved work done so that it will be easy while getting payment approved as it is measurable contract.  
Coordinating with others services.

**Company Name : Alghanim Consulting Engineering, Kuwait**  
**Period : From March 2007 to April 2007**  
**Project : CTI – PAAET**  
**Designation : Mechanical Engineer – HVAC**

As the Project was in the Commissioning Stage My responsibilities were

- Checking of as built drawing.
- Supervising some remaining installation of grills diffusers etc.
- Checking the snack list.

**Company : Mohamed Ashkanani International Co., Kuwait.**  
**Period : From May 2003 to February 2007**

**Job Responsibilities:**

- Responsible for client coordination, Design and installation of various mechanical services like **Plumbing, Fire Fighting and HVAC** as per specifications.
- Involved in designing and execution of various commercial buildings and residential buildings.
- Supervision of potable water supply, Central boiler system, Sanitary Drainage, Rainwater and Storm water drainage.
- Automatic hose reel system.
- Building external and internal plumbing works.
- Under ground, drainage piping & water supply piping.
- Co-ordination of pump room installation.
- Preparing and submitting quotation, preparing bill of quantity.

### **Project Handled:**

#### **1. Al – Telal Commercial Building – Shuwaikh**

As a Project Engineer

- Responsible for coordination of HVAC, Plumbing and Fire Fighting System.
- Getting approval of Shop Drawings, materials and all the works done at site.
- Material Procurement.
- Regular Coordination with the Main Contractor and the Consultant.
- Organizing and supervising Plumbing staff and guiding them.

#### **2. Wataniya Telecom H.Q. Relocation –Sharq.**

As a Project Engineer responsible for complete supervision of hot and cold water supply system, drainage system. Responsible for coordination of **HVAC, Plumbing & Fire Fighting** systems and specifications, equipment and materials, organize and supervise HVAC, Plumbing & Fire Fighting Staff & activities like:

- Supervision of PPR piping for water supply system installation.
- Supervision of AHU Installation.
- Supervision of PPR pipes for hot and cold water system in Toilets.
- Supervision of HDPE piping for sanitary drainage system installation.
- Supervision of Fire Fighting upright and pendent sprinkler system installation.

#### **3. Petrochemical Industries Company Shuhaiba Port.**

- Supervision and coordination of Roof mounted DX Package unit.
- Supervision of Duct Installation.

- Plumbing System for HVAC Drainage System, Rain Water, Hot and Cold Water System.

#### **4. Gulf Paramount M.R.&R.Shop, Amghara.**

- Supervision of PPR & UPVC Piping system Hot and Cold Water supply system installation.
- Supervision of HDPE piping for Sanitary Drainage with STP plant installation.
- Supervision and coordination of HDPE piping for Rain water Drainage installation.
- Supervision of AHU, Chilled water piping installation.
- Coordination & Supervision of Cement Pipes for Storm Water Drainage system installation.
- Coordination & Supervision of Pendent and Up right Sprinklers system installation
- Coordination & Supervision of Hose reel piping and Hose reel cabinets.
- Concrete under ground Water tank work & Installation & Commissioning of Pump Room.

**Company Name : M.E. ENGINEERS COMBINE PVT.LTD**

**Period : From September 2000 to April 2003**

As a Site Engineer responsible for supervision of Plumbing System, Drainage system, Firefighting system and HVAC for various villas and commercial building projects.

#### **Job Responsibilities:**

- Regular coordination with the Main Contactor and the Consultant.
- Assisting in preparation of Shop Drawings and as build Drawings.
- Taking out the quantities and procurement of material.
- Preparation of payment bills for subcontractors.
- Executing the works as per the drawings and specifications. Supervising the installation of Chiller Plant, Expansion tanks, Compressors, AHU, FCU Etc.

**Company Name : Emvee Engineering Co.**

**Period : From August 1998 to August 2000**

As a Junior Engineer responsible for supervising and reporting of daily progress to higher official for various jobs like drainage and water supply piping, duct & AHU installation and piping works.