

# Mohammad Iqbal Akhter

Facilities Engineer

:- [akhter.december@gmail.com](mailto:akhter.december@gmail.com)

: [iqbal786@rediffmail.com](mailto:iqbal786@rediffmail.com)

Cell:-+966532912889

## Profile:

MEP Facilities & Maintenance Engineer with hard and soft services strives for excellence – experience in MEP & HVAC execution, planning, procurements, Operation & maintenance with KPI systems, equipment & tools, And separate Design Engineering.

Over 15+ years MEP & HVAC experience out of which 9 years experience in facilities & maintenance activities in Residential, Commercial & industrial with DATA Center.

Determination to produce optimum efficiency; keeps up with policies and goals of organization.

Responsibilities for the adequacy, stability and safety of all site Operation.

Used the software tools CAFM and CMMS in Malls & hospital facilities with complete deepest follow up.

Estimation, costing & tenders with as per site verification.

Review the SLA and provide customers. satisfaction, internal and multilevel priority on time.

## SKILL;

Related to occupancy, Renovations, AMC, construction, relocation, and renovation of the company's buildings, offices, agencies, and other designated facilities with commercial and industrial.

Prepares and reviews cost estimates; conducts meetings teams.

Monitors and tightly manages expenditures and approves the release of payments.

Prepares workforce schedule of all skilled workers who are assigned to the facility.

Provides assistance in the review and planning of proposed areas/space per facility, like equipments fire alarm, CCTV and BMS.

Collaborates with protocols & work parameters Electrical and mechanical systems.

Conducts site visits and prepares written reports on their progress, status, and level development.

Established managerial and leadership abilities.

Tendering, BOQ and overall documentation for Pre-construction and construction phases.

Mechanical, Facilities system MEP & HVAC With laboratories.

Experience in Execution, Operation & maintenance, Facilities, repair, and safety.

Understanding the departments' mission in relation to company objectives.

Following the vendor's status of material to procure the work.

Excellent interpersonal communication, both written and oral.

Strong attention to detail, decision-making, and critical thinking.

## AL YAMAMA CO.

SR.FACILITY ENGINEER

06/2021...TILL DATE

\* Adept in managing end-to-end project activities viz. planning & executing MEP program involving contract administration, budget management, resource planning, and procurement with a flair for adopting modern construction methodologies/techniques

\* Documented record of strong, decisive executive leadership; proven expertise in coordinating complex projects in a challenging environment and swiftly ramping/completing up projects with competent cross-functional skills and ensuring on time deliverables within pre-set cost parameters

\* Persuasive communicator with skills in building consensus and obtaining commitments; successfully dealt with various projects including Hotels, Airport, High Rise Buildings and Hospitals etc.

\* Well-versed with modern prevalent contractual practices, recruiting contractors, sub-contractors, organizing procurements, interpreting contractual obligations/ rights and evaluating techno-commercial problems and furnishing reports to the management

\* Technically inclined professional ensures that the business priorities permeate all component projects; evangelizes program goals with stakeholders in light of their technical alignment with business priorities.

#### **BIMFX P.LTD.**

##### **FACILITY ASSOCIATE -MEP HEAD -UAE**

07/2017-03/2020

Designing of Complete MEP services for Buildings, mall and Plants with engineering facilities.

A Complete Facility for HVAC, Plumbing, fire fighting and Drainage System for Buildings.

Site Inspection and coordination of complete MEP Works.

Reviewing and approval with SLA

Having regular meetings with Client and Contractors for smooth running of the Project.

Preparing submittals for getting Quotations for all MEP work.

Calling for tender, nominating contractors for the project and all commissioning as required.

Familiar with all clean rooms ISO3 to ISO7.

Electrical Drawings, Planning of Projects, Erection & Maintenance, along with BMS system.

Meetings with clients and sort out technical issues.

Different Electrical Instruments operate and solve it.

Working more efficiently and productively so that maximum output comes.

**QBEC,**

#### **Qatar**

##### **SENIOR ENGINEER EXECUTION, FACILITIES & MAINTENANCE**

02/2013 - 06/2017

Managing work control, planning, infrastructure, facilities support and plant operations.

Assists and coordinates service contracts for building systems.

proper maintenance of laboratory clean room- with HEPA filter and carbon filter to maintain contamination and humidity.

Resolves problems and/or conflicts and maintains open communication with the client including providing regular written and oral reports to ensure satisfaction.

Assist with the operation and maintenance of the heating and cooling systems (HVAC) to ensure proper environment for space occupants.

Provide CMMS(**computerized maintenance management system**) Support and Training.

Gas detection system with alarming monitoring inside the clean room.

Assist with creating Key Performance Indicators that can be utilized to track facility performance and identify when issues occur.

Assists with planning scheduled service interruptions with leadership and collaborates with senior leadership to resolve emergent interruptions.

Preparation of SOPs and Method statements as required.

Troubleshooting experience of HT/LT Motors, MCC Panels, HT/LT Switchgears, AC Drives, Stacker Cum Reclaimer Machines, EOT Cranes, HT/ LT Cable Work, Electrical Luminaries & Different types of Elect. Instruments.

Knowledge and troubleshooting experience of Instrumentations like Gas detection, Limit Switches, Transmitters, Pneumatic Valves, Load cells, Level Switches etc.

#### **Government of Mozambique**

##### **OPERATION AND FACILITIES DEPARTMENT IN BUILDINGS & PLANT AREA**

03/2011 - 01/2013

Monitor employee work performance annually through a performance review for assigned employees.

Assist in scheduling of work and purchase supplies as necessary.

Provided strong leadership and technical expertise to maintain existing procedures and continuously improve.

Resolved maintenance problems (package unit)

Recommended measures to improve conditions and operations of machines and equipment.  
Maintained records and tracked work orders, spare parts and maintenance history of equipment and more through computerized system.  
Designed and documented manuals to simplify work for future maintenance departments..  
Repaired/replaced equipment to ensure proper functioning.  
Works to provide plant maintenance within the budgetary parameters of the department  
Manages projects, in collaboration with the General Manager, Client and contractors within the scope of the maintenance budget.  
Performs initial orientation/training, assessment of development and follow up training  
In collaboration with the Managers, departmental supervisors and lead hands, establishes business plans.  
Provides ongoing training and development programs for all service personnel with follow up and evaluation.

### **AL- MANSOURIYA, SA**

**MEP-SR. ENGINEER FOR HOSPITAL AND BUILDINGS**

03/2009 – 02/2011

Continuously evaluate service provider performance for compliance with service contracts and established company performance standards.  
Assigning tasks, establishing and enforcing standards of conduct and performance in the work environment.  
Manages contractor specifications, problems/issues, performance and administration.  
Provides performance related feedback and formal evaluations for plant technicians.  
Using established employee selection guidelines, assists in hiring of plant personnel.  
Inspecting and auditing in-process and completed work, to ensure work meets SOW and quality standards.  
Identify opportunities for improvement and review with the Manager.  
Check up and evaluate the project's status.

### **ASAMCO, SA**

**MEP-SR. ENGINEER FOR -SAUDI ARAMCO- EXECUTION AND FACILITIES**

06/2009 – 12/2008

Conduct a comprehensive work for execution of chilled water pipeline, chiller, cooling tower of the current facilities O&M program and create a framework to improve the overall O&M of the current program.  
Provide leadership and hands-on experience that drives the implementation of an enhanced program.  
Able to analyze and assess site operations, assets and current preventative maintenance (PM) practices to ensure a complete and reliable PM program is accurately reflected in the CMMS system.  
A proven track record of managing and increasing building efficiency.  
A passion for operating a building that is a model for sustainability.  
Knowledge of principles and processes involved in supporting Operations & Maintenance (O&M) responsibilities at an overseas facility.  
Knowledge of principles and processes for providing excellent customer services  
Cross-cultural sensitivity with an international perspective.  
Excellent organizational and time management skills.

### **NASIM AHSAN & Co-India**

**PLANT PROJECT ENGINEER FOR EXECUTION & FACILITIES**

02/2001 – 06/2003

Experienced in Central Plant, Package unit and Split Air-conditioning unit installation works, also comprising planning, scheduling, Co-coordinating with main Clients, contractors, Sub-contractors, interacting with consultants, Heat Load Estimation (HAP-Carrier), Equipment selection, Duct Design & Sizing (ASHRAE, BS, SMACNA, DW 144/142/141/171 etc), CHW Pipe Design & Sizing (BS, ASHRAE), ESP Calculation, Pump Head Calculation, Workshop Drawing & Material Submittal preparation, Materials & Fittings take off and Execution of Installation, Testing & Commissioning of  
Air Handling Unit with Heat Recovery Wheel, Fan Coil Units, Ventilation Fans, Air washers, Air Curtains, Package Unit, Chillers, CHW Pumps, BMS Control and Control Valves etc.

Plumbing (Water Supply, Drainage and Stormwater):-

Workshop Drawing and material submittal Preparation, Pump Head calculations, Pump, water Heater and sanitary items selection, loading Unit Calculations & Pipe Sizing, Materials, Fittings and Valves quantity take off and Execution of Installation, Testing and Commissioning of Water supply Pipeline, Drainage Pipe Line, Storm Water Pipeline, Water Tank, Water Heater, Booster Pump, Transfer Pump, Sump Pump and controls etc.

Fire Fighting (Sprinkler System, Hose reel and Clean

Workshop Drawing Preparation, Pump Head calculation, Materials, Fittings & Valves quantity take off, Execution of Installation, Testing & Commissioning of GI Pipeline, Sprinkler, Hose reel, Dry Risers, Wet Risers, Foam System, Halogenated Extinguishing Agent Systems & Fire Pumps (Diesel Pump, Jockey Pump & Electric motor Pump) as per Civil Defense Regulations & standard )

Handling of electrical load as per requirement.

Erection HT & LT transmission line & substation (33KV).

To coordinate with Electrical Contractor for Electrification, Execution, Erection & Commissioning.

To provide the entire electrical solutions as per requirement.

To maintain the DPR.

To check the entire work as according to approved drawings.

To coordinate with MPSEB for all electrical approvals.

### **TECH -SHARP-India**

**PROJECT ENGINEER -MEP AND PIPELINE FOR -EXECUTION AND FACILITIES**

08/2001 – 12/2000

Assisting the General Manager in the Project Work from the beginning stage till the submission.

Detailed study of scope of work, Specification, Equipment Schedule and BOQ (Tender) etc.

Design of Mechanical System in two step(65% Design and 99% Design)

Design Submission and Preparation of Design and Analysis Report to submit the client.

Pump Head and ESP calculation for Pump & AHU selection respectively.

Preparation of Bill of Quantities and floating the enquiries to the vendors.

Mobilization of manpower for execution of the project.

Preparation of Workshop Drawing and Material submittal for consultant approval.

Preparation of Daily & Weekly program based on one month look ahead program.

Preparation of Daily, Weekly and One Month progress report.

Preparation of the detailed Site quantities requirement based on the consultants approved drawings.

Preparation of Work Method Statement as per specification and standard norms.

Supervision of installation of HVAC, Plumbing & Firefighting items as per standard norms.

Floating Request for Inspection of installations to Consultant and rectifying if any snag works / comments.

Coordinating with Architect / Contractors during the execution of the project.

Attending the weekly site meeting with consultants and subcontractors.

Preparation of appropriate documents for handing over the Project (Mechanical Services).

### **PERSONNEL;**

Daily workforce scheduling to choose and performance appraisal for ,discipline action and counseling.

### **SAFETY;**

Safety culture to provide safe work facilities to all employees with safe and clean working environments.

### **Educational Qualifications and Certifications**

Degree in Mechanical Engineering

Gulbarga University -1997

High School - HE school- DOS-1988  
Science of Intermediate- JNNC- DOS-1990

**DOB- 11-12-1973**

**Passport No.: U7106860**

**M.Iqbal Akhter**