

**MOHAMMAD ABDUL MATIN**

**☎: +974 667 68 290**

**E-mail : [engamatin@yahoo.com](mailto:engamatin@yahoo.com)**

**Doha, Qatar**



### **Mechanical Engineer**

New Set-ups ~ Design Engineering~ Execution~ Site Supervision

**Sector Preference:** Consultancy / Construction / Facilities Management



#### **CAREER SKILL**

Asset knowledge about Mechanical field for Plumbing, Drainage, Fire Fighting, Fire Alarm & HVAC systems. Practical involvement in installation, supervision, design, co-ordination, implement, monitoring, construction, facilities management, quality control of Building, Market, airport, masjid and villas project from contractor end with national and multi-national organizations. Read out & understand engineering drawing, catalogue, technical specification, operations and maintenance manual. Exceptionally dependable and well experienced professional with **14+ years of in Qatar.**

#### **CAREER OBJECTIVE**

Looking forward to building up my career as a mechanical engineer, eventually leading to a systems analyst position, where I can prove my skills and ability through challenges and growth-oriented activities.

#### **ACADEMIC CREDENTIALS**

-  **B.Sc in Mechanical Engineering** – The University of Comilla- Dhaka, Bangladesh 2003-2007
-  **Diploma in Mechanical Engineering** – Pabna Polytechnic Institute- Dhaka, Bangladesh 2002.

#### **The Demonstration of Successful Professional Activities as Follows**

- ✧ In-depth Knowledge of project sites supervision activities both technical and contractual.
- ✧ Ability to relate and interact successfully with a multi-cultural workforce at all levels.
- ✧ Able to use initiative and adopt a proactive approach.
- ✧ Excellent communication and time management skills with the ability to work in a team environment, high energy, fast-paced, detailed-oriented, professional approach with a positive, can do attitude.
- ✧ An ability to adapt to and solve problems around local regulations.
- ✧ Interfacing and working with clients in a professional manner to achieve project goals.
- ✧ Projects include field investigation and documentation of existing systems as well as writing reports and making recommendations.
- ✧ Conscientious and familiar of local and international standards such as QCS, QCDD, ASHRAE, ASME, NFPA, IBC & IPC etc.

#### **SKILL SET**

- ✧ In-depth Knowledge in local and international safety and construction standards.
- ✧ Knowledge in computer aided HVAC design using HAP software.
- ✧ Knowledge in water demand calculation based on fixtures unit method.
- ✧ Knowledge in operation and maintenance of the building.
- ✧ Knowledge in facility condition assessment.
- ✧ Knowledge in drafting using auto cad the latest version.
- ✧ Assisting in developing cost estimates, drawings, statements of work, bill of materials, time schedules, submittal registers as required, review and analyse preliminary and final plans, and specifications for technical efficiency and adequacy, preparing technical reports, fact sheets, coordinating all design phases with appropriate managers and staff elements and maintaining current engineering data for assign project.

## EMPLOYMENT SCAN

### **WORK EXPERIENCE:**

**Position** : Mechanical Inspector  
**Company** : Gulf Engineering & Industrial Consultancy (GEIC)  
**Company Industry** : Consultant  
**Duration** : Apr'2017 to Present  
**Projects Undertaken** : Construction of 7 Service Hubs at Manateq Logistic Parks – Economic Zones Company  
(1) Birkat Al Awamer 1 (2) Birkat Al Awamer 2 (3) Birkat Al Awamer 3  
(4) Aba Saleel (5) Jerry Al Sammur (6) Al Wakra 1 & (7) Al Wakra 2  
Each plot has consisting of Accommodation, office, Retail Shops, Masjid, Service Yard and External Landscaping Area.

### **Job Description / Responsibilities:**

- ✧ Site Inspection - Site Inspection request for all construction works and material delivery (MDS) on site,
- ✧ inspect contractor's site installation according to project specification and local standards. Inspect
- ✧ Inspect materials, products, and work in progress for conformance to specifications, and adjusts process or assembly equipment to meet standard.
- ✧ Site Coordination - Liaise or coordinate regarding priority works Inspection, check submitted
- ✧ Inspection request (RFIT) with proper approved document attachment, also provide required
- ✧ information for contractor's RFI (Request for Information)
- ✧ Progress Report - Monitor and update for 7 service hubs balance of works and on-going activities,
- ✧ Daily site progress photos.
- ✧ Testing On site - testing work as per requirements of QCS, ITP, Method Statement & Manufacturers Recommendation.
- ✧ Quality - Monthly status of all materials and Inspections works on site (RFIT's).
- ✧ Billing Evaluation - Review and check actual work done and indicate percentage accomplishment
- ✧ against Contractors claim.
- ✧ Quality & Safety - Monitor, surveillance for proper workmanship, works safety access and checking
- ✧ works done against approved documentation and its quality requirements.
- ✧ Material Submittal – Review & approval of contractor's Material Submittals and technical details before
- ✧ approvals and prepare review comments sheet (RCS).
- ✧ Review Shop Drawing – Review & approval the Shop Drawings based on local and international standards and project specification submitted by the contractor and prepare review comments sheet.
- ✧ Method Statement – Verify method statements, test format and check list and prepare review
- ✧ comments sheet (RCS).
- ✧ Review & approval of contractor's compliance statements and ITPs.
- ✧ As-Built Drawing – Review & approval of As-Built Drawings submitted by the contractor.
- ✧ OM & Manual – Review & approval of Operation and Maintenance Manual submitted by the contractor.
- ✧ Snag List - Preparing snag list for all completed works also monitor contractor's snag list.
- ✧ Developing Architect-Engineer Statements of Work
- ✧ Coordinating projects among disciplines
- ✧ Field verifying facility and utility system conditions
- ✧ Ensuring compliance with contract plans and specifications
- ✧ Performing engineering calculations and Calculating utility demand and consumption
- ✧ Performing technical review of construction bids
- ✧ Coordinating projects among disciplines, provide the support and cooperation in regards to the quality department requirements and audits.

**Position** : Sr. Mechanical Project Engineer  
**Company** : The Qatari Modern Maintenance Company (QMMC)  
**Company Industry** : Construction – A Grade MEP  
**Duration** : Jan'2015 to Mar'2017  
**Department** : Engineering & Construction  
**Projects Undertaken** : Arwa Tower (B1, B2, GF, 41 Floors) Hotel Apartment Building

**Position** : Mechanical Project Engineer  
**Company** : Millennium Engineering (MIM) Malaysian Based Company  
**Company Industry** : Construction (MEP)  
**Duration** : Jan'2011 to Dec'2014  
**Department** : Engineering & Construction  
**Projects Undertaken** : Catering Facility, CP-21 – New Doha International Airport (NDIA)  
Sidra Village (Medical Staff Housing 102 no's of multistorey and villas Buildings)

**Position** : Mechanical Project Engineer  
**Company** : Bnaider United Group (BUG) Lebanese Based Company  
**Company Industry** : Construction (MEP)  
**Duration** : May'2009 to Dec'2010  
**Department** : Engineering & Construction  
**Projects Undertaken** : Doha Community Clinic – Qatar Petroleum Hospital  
IBQ Bank, Al Rayyan Branch and Barwa Bank, C-Ring Branch

**Position** : Mechanical Site Engineer  
**Company** : Mapco LLC, Abu Dhabi  
**Company Industry** : Construction (MEP)  
**Duration** : 2007 to Apr'2009  
**Department** : Engineering & Construction  
**Projects Undertaken** : Al Udeid Air Base – Qatar Emiry Air Force General Head Quarter

### **Duties & Responsibilities, (Include but Not Limited To):**

Planning, scheduling and determining manpower for the project, leading project mechanical team from conceptual stage to detail design stage, providing support to design engineers and guidance to CAD operators and coordination with team members of other disciplines. Attending kick-off, weekly progress and coordination meeting at site.

- ✧ Read and interpret blueprint, technical drawings, schematics, and computer-generated reports.
- ✧ Research and analyse customer design proposals, specifications, manuals and other data to evaluate the feasibility, cost and maintenance requirements of design or applications.
- ✧ Specify system components or direct modifications of products to ensure conformance with engineering design and performance specifications.
- ✧ Research, design, evaluate, install, operate and maintain mechanical products, equipment's, systems and processes to meet requirements, applying knowledge of engineering principles.
- ✧ Estimate costs and submit bids for engineering, construction or extraction projects and prepare contract documents.
- ✧ Detailed study of project specification, BOQ and design IFC drawings.
- ✧ Assisting in Preparation shop drawing and builders drawing for Plumbing, Drainage, Fire Fighting and HVAC for mechanical services.
- ✧ Preparation material submittals and to review & evaluate in line with the project specifications as required by consultant / client prior to approval and local regulation for consultant approval.

- ✚ Provide technical details to the site supervisor for site execution as per approved shop drawing and method statement.
- ✚ Materials procurement according to the project specification and required local and international standards.
- ✚ Estimate the quantities of materials from the construction drawing and prepare site material request.
- ✚ Day to day monitoring of site work as per project specification, shop drawing and approved base line program.
- ✚ Coordinating with Consultant, Main Contractor, and other specialist sub-contractors.
- ✚ Reviewing monthly progress and variation submission for mechanical works.
- ✚ Attending kick-off, weekly progress and coordination meeting at site and directly reporting to PM /Operation Manager.
- ✚ Administering activities related to coordination with Architects, Structural and other discipline for fulfilling special requirements pump rooms, generator room, electrical room, ELV room, Risers in compliance with Local Authorities regulations and general practice guidelines.
- ✚ Give MEP clearance for day-to-day civil activities.
- ✚ Make sure that the contractor's personnel are using the latest edition of the approved shop drawings, MS, QCP and ITP as per the project master index
- ✚ Closely monitoring site activities to ensure quality of work is in compliance with contract requirements, good construction practice, only approved materials are used, compliance with shop drawings, and report to Senior Construction Manager, CC to RE and the project Management.
- ✚ Make sure that any activity offered for my inspection has an approved shop drawing, method statement (MS), Quality Control Procedure (QCP) and Inspection & Test Plan (ITP).
- ✚ Make sure that all materials used comply with the approved Material Approval Request and material approval is done as per the Specifications.
- ✚ Make sure that the contractor's personnel are using the latest edition of the approved shop drawings, MS, QCP and ITP as per the project master index.
- ✚ Writing Site Instruction/ SOR (Site Observation Report) to avoid further ignorance/unacceptable working procedure to the contractor. CC to RE or Project Management.
- ✚ Monitoring material submittal log to confirm all materials are approved and on time in the site.
- ✚ Preparation of material submittals and to review & evaluate as per the project specifications as required by consultant / client prior to approval.
- ✚ Taking care of erection, testing and commissioning of all mechanical equipment like plumbing pumps, fire pumps, chilled water pump, FHC, FCU, AHU, exhaust fan and many more.
- ✚ Capable to check the materials needed in accordance with the drawing, specification and BOQ.
- ✚ Observe site safety practice at site during work and before shut down.

### **Site Responsibility:**

- ✚ Site Administration, manpower controlling and monitoring schedule of day-to-day activities.
- ✚ Installation of Hot & Cold Water supply system including sanitary wares and related accessories.
- ✚ Installation of all types of Plumbing Pumps and submersible pumps.
- ✚ Installation of all types of manholes, soakaway, road gully and back drop for drainage system.
- ✚ Installation of Soil, Waste, Vent and Storm water for drainage system.
- ✚ Installation of all types of equipment's including pumps as per NFPA standard for Fire Fighting system.
- ✚ Installation of fire hose reel, fire hydrant, landing valve, siames connection and sprinkler system as per NFPA standard.
- ✚ Assisting to installation of FM200 system.
- ✚ Installation of all types of Indoor/Outdoor equipments for HVAC system.
- ✚ Installation of Ducting system with related accessories.
- ✚ Installation of Chilled Water pumps, piping system with related accessories.
- ✚ Pre inspection of all site installations as per the architectural, shop drawing and coordination drawing.
- ✚ Prepare the required material details from the construction drawing for the purchase department.
- ✚ Inspection, testing and pre commissioning of the entire installed systems.

## **Projects Handled in QATAR:**

- ↪ **The Pearl, Viva Bahriya – Towers 14 & 15 – 2B+ Chalet+G+20 Floors**  
Client- The Land Investments, Pearl Qatar  
Consultant- Shaker Consultancy Group  
Main Contractor- MAN Enterprise Qatar
- ↪ **Arwa Tower – 2B+G+41 Floors**  
Client-Al Jazi Real State  
Consultant- Meinhardt (Singapore) Pte Ltd  
Main Contractor- Derwind Trading & Contracting Co. WLL
- ↪ **Sheraton Hotel Renovation 5 Star – GF+MF+16 Floor**  
Client- Private Engineering Office, State of Qatar  
Consultant- GHD, HIGHNESS, JAIN & SHAKER  
Main Contractor- UCC, Urbacon Trading & Contracting
- ↪ **Sidra Village Staff Housing for Sidra Medical & Research Centre at Qatar Foundation (104 Buildings)**  
Client-Mazaya Qatar  
Consultant- Arab Engineering Bureau (AEB)  
Main Contractor-Sinohydro Group Limited

## **Sr. Mechanical Engineer**

- ↪ **Catering Facility, CP-21**  
**Client-New Doha International Airport (NDIA)**  
Consultant-Overseas Bechtel INC (OBI)  
Design Consultant-Ghafari Associates, LLC  
Main Contractor- Muhibbah Engineering Bhd

## **Sr. Mechanical Project Engineer**

- ↪ **Doha Community Clinic Relocation (Al Majaz Building)**  
Client- **Qatar Petroleum**  
Consultant- H.D.P (Overseas) Ltd. QP  
Mai Contractor-Bnaider United Group
- ↪ **Barwa Bank @ C - Ring Road Brance**  
Client-Barwa Bank  
Consultant-Quality International Qatar (QIQ)  
Main Contractor- Bnaider United Group
- ↪ **New Brance Office at AL Rayyan Al Jadeed**  
Client- International Bank of Qatar (IBQ)  
Consultant- ASCO Consulting Engineering & Planners  
Main Contractor- Bnaider United Group

## **Mechanical Site Engineer**

- ↪ **Al Udeid Air Base (Qatar Emiry Air Force General Head Quarter)**  
Client-State of Qatar, Ministry of Defense (AFWEU)  
Consultant- White Young Qatar  
Main Contractor- Rizzani De Eccher, S.p.A

## **PROFESSIONAL TRAINING ENHANCEMENTS**

### **↵ Attended Training / Seminars on:**

- HVAC Design with Arabian Info-Tech Training Institute, Doha, Qatar
- Auto-CAD at the Institution of NYDASA, Dhaka Bangladesh
- Quality Management System Awareness Seminar (ISO.9001:2000)
- Attend HSE seminar in Qatar.
- Advance Design of HVAC System (Chilled Water System) conducted on November 2018 at Crown Plaza, The Business Park, Doha Qatar.
- Engineering Approach Ventilation System Design conducted on April 2016 at Sheraton Hotel, Salwa Hall, Doha- Qatar.
- Commissioning Process for Ventilation System conducted on March 2015 at Ramada Hotel, Doha – Qatar.
- Commissioning Process for Fire Protection System conducted on July 2017 at Crown Plaza, The Business Park, Doha Qatar.
- Air Inlet and Outlets Sizing and Selection conducted on March 2018 at Plaza Inn Hotel, Doha Qatar
- Fire Safety Planning and Fire Protection System Design conducted on March 11 at Caravan Banquet Hall, Doha Qatar.
- Engineering Approach Plumbing System Design conducted on March 2011 at Caravan Banquet Hall, Doha Qatar.

## **ADDITIONAL ADVANTAGES**

- ↵ Well versed with MS Office, AutoCAD, MS Outlook and Internet Application. Operation knowledge of windows XP professional.

## **PROFESSIONAL MEMBERSHIP**

- ↵ Member of Bangladesh Engineering Institute- Dhaka, Bangladesh
- ↵ Member of Society of Engineers- Doha, Qatar

## **ABILITIES**

- ↵ Like to work in a group under the guidance of others, and have the ability to guide others.

## **PERSONAL DOSSIER**

Date of Birth	05 <sup>th</sup> February 1984
Nationality	Bangladeshi
Marital Status	Married
Driving License	Valid Qatari Driving License
Languages Known	English, Hindi, Arabic & Bangla.