

Curriculum Vitae



Personal Details

Father's Name: Aliuddin Ahmed
Date of birth: 5th -Oct-1979
Sex: Male
Marital status: Married
Nationality: Indian
Driving License: Qatar, India.
Passport No: **K 8408172**
Date of Issue: 16th -Nov-2012
Place of Issue: Doha
Date of Expiry: 15th -Nov-2022
Languages Known: Arabic, Hindi, English, Urdu & Telugu (Read & Write)
Hobbies: Fishing & Cricket

NAME: AHSAN FAROOQ

Doha, Qatar
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Post Applied for: Senior Mechanical Engineer

Career Objective

To be a good part in the growth and development of a professionally managed and growth friendly organization being designated to explore my utmost skills and abilities for the very best of the organization.

Profile Highlights

- ❖ Overall 16+ years of experience in the field of HVAC, Plumbing, Fire Fighting and Irrigation System Design Review, Installation and Testing & Commissioning.
- ❖ Member of Society of Engineers U.A.E.
- ❖ **MMUP/UPDA** Registered Engineer, Qatar Engineering Committee Reg. No: 7180 with **Grade – B**.
- ❖ Excellent relationship management, analytical and negotiation skills with deftness in swiftly ramping up projects in coordination with consultants and contractors.
- ❖ A strategic planner with expertise in planning and executing projects with a flair for adopting modern methodologies in compliance with quality standards.
- ❖ Enthusiastic, confident and committed with a learning attitude willingness to work on variety of assignments

Educational Qualification

COURSE	INSTITUTION	REMARKS
Graduation	Bachelor of Engineering (Mechanical) With First Division (1998-2002) Osmania University, Hyderabad, T.S, India.	CERTIFICATE ATTESTED (K.S.A,U.A.E AND QATAR)
Intermediate	MPC (Mathematics, Physics, Chemistry) With First Division (1995-1997) B.I.E, Hyd, T.S.	CERTIFICATE ATTESTED
S.S.C	Secondary School of Education ,With Distinction (1995),T.S.	CERTIFICATE ATTESTED

Other Training / Certificate Courses

- Diploma in Quality Control and Engineering Inspections.
- Diploma in HVAC Engineering.
- Diploma in A/C & Refrigeration.
- Diploma in CAD/CAM/CAE.
- ASHRAE Certificate of Attendance for Commissioning of HVAC System.

Professional Experience

I. Organization:  M/s. ASTAD Design and Engineering Consultancy Qatar, Working as a Mechanical Site Engineer from (Mar 2017 to Present).

II. Organization:  M/s. Züblin International Qatar L.L.C /  M/s. Strabag Qatar W.L.L Doha, Qatar. Worked as a Mechanical Engineer from (Dec 2009 to Mar 2017).

III. Organization:  M/s. GEMAC Engineering Consultant Dubai. U.A.E. Assigned as a Mechanical Engineer in Design from (Mar 2007 to Oct 2009).

IV. Organization:  M/s. Dar-Al-Akifa Worked as a Mechanical Engineer for Project King Abdul Aziz Hospital from (Jan 2006 to Feb 2007), Riyadh, K.S.A.

V. Worked as a Mechanical Engineer (HVAC & Plumbing) for MEP Consulting Company, From (Sep 2002 to Dec 2005), Hyderabad, India.

1. M/s ASTAD Design and Engineering Consultancy Projects (Qatar)

National Museum of Qatar, Doha, Qatar.

Working as a Site supervision engineer on National museum of Qatar project which includes a building in the shape of a desert rose with 12 galleries, landscaped park with an artificial lagoon, auditorium, a research Centre, Laboratories, dedicated food forum, Restaurants, a café, and Shops (Which Includes Installation of HVAC, Plumbing, Fire Fighting and Irrigation).

Client: Qatar Museum Authority.

Education City Rail Project, Qatar Foundation.

Worked as a Site supervision engineer on Education City Rail Siemens Tram Consortium Project, which is a major rail development project being undertaken by QF, the overall network will cover 11.5km, with 26 stations connects the various facilities within Education City. The system also contains an 800m tunnel under the Dukhan Highway and an elevated section (viaduct) of approximately 1. 2km. Construction of the depot, workshops and substation, Each Station is equipped with underground technical rooms (Which Includes Installation of HVAC, Plumbing, Fire Fighting, Irrigation and Special Systems).

Client: Qatar Foundation.



Worked as a client representative on Qatar Petroleum District (QPD) Project which is a major building development project being undertaken by QP, comprising of nine office high rise towers, podium and ground, a hotel building, an auditorium building, a unique hyper scale data center, water treatment plant, a dedicated car park building, three levels of basement car parking and an energy center building (Which Includes Installation of HVAC, Plumbing, Fire Fighting, Irrigation and Special Systems). **Client: Qatar Petroleum.**

Duties and Responsibilities

- Site supervision of installation, testing and commissioning works, monitoring and surveillance of compliance to quality standards, Project Specifications, QCDD, KAHRAMAA, QCS 2014, ASHRAE, SMACNA, CIBSE, NFPA, ASTM, ASME and BS Standards, Issuing SDRs/NCRs for deficiencies/noncompliance, identifying snags and management / monitoring of snags, raised through the site management software (Snag-R and Finish line)
- Daily site visits to assist and evaluate the testing and commissioning works progress related to TAB (Air balancing & Water Balancing), HVAC, Fire Fighting and Plumbing Equipment's Start up and Commissioning.
- Involved with Installation, Testing and Commissioning of fire suppression systems like FM 200, NOVEC1230, Mist System, Vesda and Hypoxic System.
- Involved in the final integration of HVAC system with fire alarm and BMS/SCADA along with their sequence of operation and functionality test.
- Review and evaluate approved material to be used on the project site & evaluation of manufacturer and supplier pre-qualification documents.
- Preparing regular inputs for progress and forecast reports on construction completion, pre-commissioning & commissioning, start up, etc... To management in coordination.
- Reviewing and approval of the Construction documents such as Shop drawings, Technical submittals, Method Statements, Inspection and Test Plans (ITPs) of each Mechanical systems & equipment's, O&Ms, As Built documentation etc.
- Witnessing Site acceptance testing (SAT) of mechanical and control systems and reviewing functional test data evidencing compliance with performance specifications and other standards. Reporting on testing and commissioning inspection results and coordinating with contractor and certification of the relevant sys/sub sys as applicable.
- Coordination between the QA/QC department & contractors, to close the Non Compliance Notice (NCN), Non Conformance Report (NCR), and Surveillance Deficiency Report (SDR).
- Verification and close out of Defect Notifications.
- Coordinating with Contractors for Inspection of respective systems/subsystem's and documentations of functional testing record sheet for disciplines.
- Coordinating with Contractors for schedule of vendor attendance at site for critical equipment, complex system packages and monitoring the vendor presence as per schedule to be prepared and agreed during project execution.
- Participating /conducting Safety reviews, safety hazard identification and mitigation planning with Contractors.
- Following up & coordinating with Contractors for all 3rd party inspection review of testing & certification as applicable.
- Coordinating preparation of system for punch listing activities, reviewing and following up with Contractors for the close out of punch list items, through time bound corrective action/review. Expediting/following up with the respective engineers involved in the completion of individual system punch lists.

- Attending regular site construction and commissioning meetings and follow up for Pre commissioning/ commissioning activities, reviewing and following up areas of concern in the Contractors preparedness/resources with regard to commissioning.
- Coordinating /reviewing with Contractors & relevant stakeholders for preparation of Operation & Maintenance manual.
- Ensuring handing over of the facilities to the user including all “as built” documentation and facilitating smooth occupation in liaison with Post occupation facility management entity including necessary training, as required, for the user/Asset holder.
- Witnessing Authority (QCDD) inspections as per project schedule and Coordinating with the contractor to comply the QCDD comments at site.

2. M/s Zublin International / Strabag Projects (Doha, Qatar.)

Equine Veterinary Medical Center Project, Qatar Foundation.

Worked on Fit out project of Equine Veterinary Medical Center (Which Includes Installation of HVAC, Plumbing, Fire Fighting, Irrigation and special Systems) for **Qatar Foundation, Education City, Doha, QATAR.**

Project Management: ASTAD

Client: Al Shaqab.

Commercial and Residential 3B+G+7 Buildings, Doha, Qatar.

Worked on Construction of Two Office Blocks 3B+G+7 and one Residential Block 3B+G+7 for **Buzwair Holding, Doha, QATAR.**

Consultant: MZ & Partners

Client: Buzwair Holding.

Carousel Project Qatar Foundation, Education City.

Worked on Construction of the Seero Fi Alardh Carousel Project consists of a pavilion building housing, a carousel and incorporating art work along with supporting facilities for **Qatar Foundation, Education City, Doha, QATAR.**

Emiris Stables Project, Qatar Foundation

Worked on Fit out project of Emiris Stables Project (Which Includes Installation of HVAC and Plumbing System) for **Qatar Foundation, Education City, Doha, QATAR.**

Project Management: ASTAD

Client: Al Shaqab.

Hamad International Airport Project, Doha, Qatar.

Worked on Construction of Qatar Airways Duty Free Warehouse and In-flight Duty Free Warehouse (Which Includes Installation of HVAC, Plumbing, Fire Fighting and Irrigation System) for **Hamad International Airport, Doha, QATAR.**

Client: MACE.

South Site Utility Tunnel Project Qatar Foundation, Education City

Worked on Construction of **9KM long Utility Tunnel** (construction of utility system, within tunnel like domestic water pipe lines, firefighting water lines, irrigation pipes, chilled water pipes, external drainage pipe works, treated sewerage effluent pipe works and telecommunication infrastructure.) For **Qatar Foundation, Education City, Doha, QATAR.**

Client: Qatar Foundation.

Duties and Responsibilities

- Extensive experience in engineering design review, Quality Control, procurement, and project construction.
- Ensuring that the standard of the installed works is in accordance with the technical and quality specification of the contract and quality of workmanship is maintained at the highest standard.
- Preparation of Method of Statements, Inspection & Test Plan (ITP) in accordance with Project Specification.
- Prepare MDS (Material Delivered to Site) and IRF (Inspection Request Form) prior to Inspection with Consultant in accordance with Approved Material Submittal and Shop Drawing, Project Specification and as per Standard Specification.
- Prepare NCR's, QA-QC Concern regarding materials and site installations which do not conform to the Project Specification, QCDD, KAHRAMAA, QCS 2010, ASHRAE, SMACNA, NFPA, ASTM, ASME and BS Standards.
- Prepare RFI's (Request for Information) and FCR's (Field Change Request) for installations that deviates from the original design and approved shop drawings.
- Inspection of permanent materials as they are delivered on Site to ensure compliance with reviewed shop drawings approved material submittal and project specifications.
- Inspection of Mechanical site installation works prior to compliance with reviewed shop drawings, approved material submittal and project specifications. Ensure that project Health, Safety & Environmental Standards are maintained during the construction, testing and commissioning of works.
- Witness and Assist in performing all stages in Pre & Final Testing and Commissioning (HVAC, Plumbing, Fire Fighting System) required under the Project Technical Specifications, Codes and Standards.
- Prepare shop drawings from design drawings for the approval of Consultant.
- Prepare detailed material quantity take-off.
- Review the design concept, check with the specifications and drawings for queries.
- Prepare and send inquiries to sub-contractor and suppliers.
- Prepares Technical material submittal for the approval of Consultant in accordance with project specification.
- Evaluate Sub-contractor proposal for final approval of Mechanical head/manager.
- Technical and commercial negotiations with the subcontractors and suppliers.
- Working within the established procedures to achieve a professional, ethical, reliable and cost effective total Procurement service through Market Research, Budget, and Estimating evaluations.
- Propose enquiries to specified and non-specified vendors and obtain quotations.
- Co-ordinate Technical Bid Evaluation, preparation of Commercial Bid Evaluation and process activities to Purchase Order / Sub-Contract award
- Receive and evaluate bids (by Purchasing Committee, if applicable) as per standard evaluation criteria and negotiate payment terms and discounts with suppliers.
- Evaluate vendors' proposals technically in compliance with project specifications.
- Evaluate the supplier quotations against the tender requirements such as capacity, quantity, specifications, deviations, etc. Make comparative analysis of all the quantity & use the optimum solution.
- The procurement of allocated commodities of the required quality at lowest cost consistent with requisition and project requirements, and at correct delivery within scheduled time limits.
- Responsible for the completion of all documentation.

- **MARINA ARCADE (3B+G+64)**, Emaar / Mada'In Properties, Marsha, Dubai Marina (Retail & Residential), Dubai, UAE.
- **DELTA BUSINESS CENTRE (2B+4P+G+19)** Al Ansari Real Estate & Abdullah Ansari Lari, Retail & Commercial Complex at Business bay, Dubai, UAE.
- **JAMAL AL GHURAIR (3B+G+1 STOREY)**, Mirdiff, Dubai, UAE.
- **10 No's of B+G+8 FLOORS for Reliance Groups**, Jumeirah Village, Dubai (Residential Buildings).

Duties and Responsibilities

- Served as lead or participating mechanical designer, Responsible for complete mechanical system design.
- Attending client meetings to understand requirements, objectives and goals, during meetings also responsible to ask questions to get in-depth knowledge about the project and coordinating the team members for successful completion of job.
- Leading a team of mechanical draftsmen's and providing them complete design concept with hand sketch.
- Carrying out Heat load calculations by following the ASHRAE standard on carrier software **HAP 4.2 Version**.
- Complete design for HVAC with all schematics/riser drawings, duct & pipe sizes.
- Ventilation Calculation for the selection of Fresh AHU, Extract fans for Toilets and Kitchens, Stair Case Pressurization fans, Smoke extract system etc.
- Preparation of Windows Schedule and Thermal Load Summary Sheet as per Dubai Municipality.
- Complete design of DRAINAGE layouts indicating manhole cover levels and invert levels, Design of WATER layouts with water demand calculations.
- Complete design of FIRE FIGHTING with hydraulic calculation and selection of pump as per civil defense requirement.
- Carrying out orientation details from civil drawings for calculating the heat load BTU sheets calculations from 500 tons and above by following the ASHRAE Standards on various software's like Carriers E-20 (Block load), Zamil, and Dubai Municipal etc, as per the requirements.
- Selection of machines like FCU's, AHU's, Chillers, Exhaust Fans and all other accessories from respective manufacturers catalogues/ Software's like Carrier, Trane, York, Hitachi based on their nomenclature.
- Designing of Chilled water piping for Roof/Riser/Floor by knowing their sizes, pump Head Calculations and Calculating the duct sizes by various methods like velocity /equal friction/ static regain method & also by ductputer software and designing the duct layout by SMACNA RULE on AUTOCAD.
- Completing the work with given standards of quality within the given time and in co-ordination with sub-ordinates & other Engineering Disciplines to avoid hindrance at work, checking the quality of material & workmanship and responsible for safety.
- Preparing Bills of Quantity (B.O.Q), Material Procurement sheets, Work distribution chart. Looking into the fabrication of ducting/piping/insulations, installations of machines and fixing of grills /diffusers with balancing of air i.e. CFM
- Carrying out all sort of HVAC Maintenance including breakdown maintenance of FCU's, AHU's, and Chillers, etc and able to sort out troubleshooting.

- Attending appraisal meetings with project engineers/Managers/consultants in case of delay/ change in drawings/ unavailability of material and giving suitable suggestion.

4. M/S Dar-Al-Akifa Riyadh, KSA.

Worked as a Maintenance Mechanical Engineer from (Jan 2006 to Feb 2007).

King Abdul Aziz Hospital, MOH Riyadh, KSA

- Sustains and improves reliability, plant operation, maintenance, and systems documentation.
- Manages the plant's operations, maintenance, projects, and departments including spare parts, budget, and compliance with environmental and safety regulations.
- Supervising technicians, superintendents responsible for executing maintenance works.
- Supervising and managing vendor engineering and material deliverable to ensure compliance with project standards and specifications.
- Condition Monitoring and Predictive maintenance of critical equipment and corrective actions to avoid breakdown.
- Preparing the daily, weekly and monthly preventive maintenance schedules.
- Executing the maintenance work to all HVAC equipment's and utility equipment's.
- To update history records of schedules maintenance.
- Preparing the spares inventory, ordering spares and follow up.

Computer Skills

- **Mechanical Applications in AUTOCAD.**
- **MS-Office (Word, Excel, Power Point).**

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge and belief. I will be sincere in my part of work.

Yours truly,

AHSAN FAROOQ
Mechanical Engineer

REFERENCE :

- 1. Michael Campbell - Commissioning Manager ASTAD- Mob.no: +974 50229748.**
- 2. Ghaith Shmayyes – Sr. Mechanical Engineer ASTAD - Mob.no: +974 55374120.**
- 3. Ghassan Morad – MEP Manager Zublin Intl – Mob.no: +974 70495134.**
- 4. Wilson Pablo – Construction Manager Zublin Intl – Mob.no: +974 70219025.**