

**ARAFATH SHAIK**  
**QA/QC Engineer / Mechanical Inspector - MEP**  
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### **Career Objective:**

To obtain a good position in a Client / Consultant / Contracting firm focusing on the Quality Assurance & Quality Control / Mechanical Inspector of all the MEP services and to expertly handle the project from starting till hand over to the client in an exceptional manner and to experience all phases of project development from the End users perspective.

### **Career Summary:**

- **UPDA Registered** Mechanical Engineer with 8 years of experience in Heavy constructions such as **Airport, Metro Rail, Stadium, Infrastructure & Building Projects**
- Strong understanding on current codes and standards such as QCS, ASHRAE, SMACNA, NFPA and Plumbing Codes.
- Knowledge in HVAC, Firefighting, Plumbing, Drainage and External Utilities work
- Supervise and Execute of Construction projects with multi disciplinary proficiency in Mechanical-HVAC, Plumbing and Firefighting works
- Knowledge in Construction Management Software **ACONEX & Wrench**
- Coordinate with Client, Consultants & Contractors
- Reasonable knowledge of Auto CAD, MS Word, Excel and Power Point
- Good communication skills in a multi-national, multi-cultural environment.

### **Professional Certifications:**

- **Registered IRCA QMS Lead Auditor ISO 9001:2008**
- **NDT Level – II** : MPT, UT, PT, RT and Visual Testing

### **Educational Certification:**

- **Bachelor of Technology in Mechanical Engineering** from Andhra Pradesh, India.

### **Employment History:**

- Company Name : **Conspel JPAC JV (A&P Group), Qatar**
- Designation : **QA/QC Mechanical Engineer**
- Period From : August 2019 to December 2019
- Project Handled : **QFS Education City Stadium Project, Al Rayyan, Qatar**

- Company Name : **Al Khayarin ElectroMec (KG Group), Qatar**  
 Designation : **Mechanical Engineer QA/QC**  
 Period From : February 2019 to July 2019  
 Project Handled : **Development of ISF Camp Project, Duhail, Qatar**
- Company Name : **Fujita Corporation-Doha Branch, Qatar**  
 Designation : **QA/QC Inspector- Mechanical**  
 Period From : May 2017 to January 2019  
 Projects Handled : **Doha Metro (Depot) Project, Al Wakrah, Qatar**  
**Doha Metro (Stabling Yard) Project, Al Rayaan, Qatar**
- Company Name : **SNS Engineering Private Limited, India**  
 Designation : **QA/QC Engineer- Mechanical**  
 Period From : April 2015 to March 2017  
 Project Handled : **Commercial & Residential Building Projects**
- Company Name : **SEPAM Qatar W.L.L, Doha, Qatar**  
 Designation : **QA/QC Mechanical Engineer**  
 Period From : June 2013 to March 2015  
 Project handled : **Hamad International Airport (HIA), Doha, Qatar**
- Company Name : **KNR Builders & Designers, India**  
 Designation : **QC Inspector- Mechanical**  
 Period From : March 2012 to April 2013  
 Projects handled : **Commercial & Residential Building Projects**

### Employment details:


**COMPANY** :   
**POSITION** : QA/QC Mechanical Engineer  
**PROJECT** : **QFS Education City Stadium Project, Al Rayyan, Qatar**  
**DURATION** : **August' 2019 to December' 2019**

### Job Description:

- Perform all daily inspection and test of the scope and character necessary to achieve the quality of construction required in the drawings and specifications for all works under the contract performed ON or OFF site.
- Carry out inspection and checking for all quality related procedures in the site and ensures activity at the site are as per approved method statement and inspection test plan.
- Coordinate with the consultant's representative and Site in charge of inspection and meeting about quality problems including the closure of Non-Compliance Report.

- Report to the QA/QC Manager, control, and monitor all activities related to Quality Management System, QMS.
- Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered and other QA/QC documents. Responsible for the closure of Non-conformance, NCR and Site Instruction, SI.
- Responsible for the quality and workmanship of every activity, thorough knowledge of all phases of engineering construction relating to Civil, Architectural and Structural discipline interfacing the multidisciplinary operations.
- Develop method statements for the activity including risk assessment and job safety environmental analysis and Inspection Test Plan and Checklist based on specifications of the project.
- Carry out Internal Audit at the site as scheduled in the Project Quality Plan, PQP.
- Liaise with the Technical Engineer for submission of material submittals to Consultant.



**COMPANY** : 

**POSITION** : **Mechanical Engineer QA/QC**


**PROJECT** : **Development of ISF Camp Project, Duhail, Qatar**

**DURATION** : **February' 2019 to July' 2019**

### **Job Description:**

- Prepare Inspection reports and supervise Mechanical Testing and Commission activities on site
- Reports directly to the Sr.QA/QC MEP Engineer & QA/QC Manager
- Attends regular meeting with client and consultant to provide update on project progress.
- Responsible for the quality assurance and control in the implementation of the project based on the approved Shop drawings, Method statements, ITP and Material Submittals.
- Responsible to check the plans & specifications for the proper construction & quality implementation at job site.
- Responsible for submitting RFI (Request for inspection) to the client.
- Perform pre-inspection to ensure that all installed materials are within the standard in conformance to applicable drawings & specs.
- Provide necessary records and reports ask and when required by the top management.
- Conduct final inspection with owner's representative prior to concrete pouring and other succeeding work activities that requires step by step inspection as per Inspection and testing procedures (ITP)
- Conducts punch listing with consultant representative for turn-over to client.
- Issuances of NCRs and suggest/review corrective and preventive actions.
- Prepare quality reports at various frequencies and stages in the project.
- Monitoring and surveillance on site to control the quality of work being implemented by the construction group.
- Monitoring Snag-R (Punch list) and sorting out the issues with the client and consultant by effectively using the **SNAG-R** website.



**COMPANY** :  Daiwa House Group®

**POSITION** : QA/QC Inspector- Mechanical

**PROJECTS** : **Qatar Rail (Metro Depot) & Qatar Rail (Metro Stabling Yard)**

**DURATION** : **May' 2017 to January' 2019**

### **Job Description:**

- Reporting to Senior QA/QC Mechanical Engineer and QA/QC Manager.
- Responsible for the quality and workmanship of every activity, thorough knowledge of all phases of engineering construction relating to Drainage, Plumbing, Firefighting, HVAC, Electrical and team up with other discipline.
- Carry out inspection in timely manner and checking for all quality related procedures on site and ensures activity at site as per approved material submittal, method statement, Inspection and Test Plan, technical specification, QCS and other related standards/codes.
- To review material and supplier submittals, method statements, technical submittals, shop drawings / as built drawings, final drawings and justification to any revision on the projects.
- Prepare, review and evaluate non conformance report (NCR) and Site Observation Notice (SON) from raising the issue until closure.
- Prepare monthly test report for submission to clients and update of IRE log.
- Set a solution to arising problem on site with MEP, Consultant, Client, Sub-contractors and other discipline.
- Attend coordination and progress meetings; participate in management reporting such as planned activity, actual activity, current site issues and work accomplishments in part or in whole.
- Work on a wide variety of Mechanical & Electrical construction activities of the projects. Performed Mech & Elec engineering functions at the site and execute work as per the design.
- Attend with the clients for Snag-R / Punch listing and follow-up to subcontractors for closure participate as witness during testing and commissioning.
- Coordinate with other disciplines in order to achieve timings in phases of construction activity, meeting target deadlines, and to bring project into successful completion and handover to the client.

**COMPANY** : **SnS Engineering Pvt. Ltd.**

**POSITION** : QA/QC Engineer – Mechanical

**PROJECT** : **Commercial & Residential Building Projects**

**DURATION** : **April' 2015 to March' 2017**

### **Job Description:**

- Ensuring all incoming materials, material used and work performed are as per project specifications and method statement.
- Preparing MIR (Material Inspection Request) & FIR (Field Inspection Request).

- Ensure that the executed works are carried out smoothly in accordance with the shop drawings, contract specification and project method of statement.
- Monitoring all MEP Construction on different activities to ensure that the installation is in correct location and positioning orientation is in approved of specification.
- Monitoring that all testing result is in ITP procedures
- Perform the audit of documents and checked all the References Drawings is in approved for Construction and updated revision.
- Setting quality assurance compliance objectives to achieve the targets.
- Conduct inspection with the present of client representative/consultant prior to the activity inspection scheduled.
- Review and Approval of As-Built drawings and O&M manuals.
- Site Inspection for all installation of MEP works such as HVAC, Plumbing, Fire Protection System, and Electrical Works including all associated controls and equipment.
- Maintain a work log, take photographs, file reports, and act on inspection findings. Interpret Approved Drawing Plan, Problem solving
- Implement and Monitor Safety Procedure

**COMPANY** : **SEPAM**

**POSITION** : **QA/QC Mechanical Engineer**

**PROJECT** : **Hamad International Airport (HIA)- Doha, Qatar**

**DURATION** : **June' 2013 to March' 2015**

### Job Description:

- Preparing FIR in accordance of site activity with the coordination to Site Engineer.
- Prepare all necessary documents and attachments for the inspection and testing requirement.
- Review the mechanical works check list, As-built drawing and related quality control documents for final drossier.
- Follow-up of client comments / NCR / Site observations etc.
- Material Inspection to ensure its compliance with specification & material submittals.
- Checking the equipment delivered at the site with the client and the consultant based on the MIR (Material Inspection Request).
- Assist QA/QC manager, and coordinating with overall team to ensure quality workmanship strict compliance with the plans, specifications, local codes and international standards.
- Detecting and Recording of defective works using **ACONEX** Software and ensuring implementation of corrective actions
- Monitoring Snag-R (Punch list) and sorting out the issues with the client and consultant by effectively using the **SNAG-R** website.
- Issue and administer Non-conformance report and has been reported through a Non-conformance Report (NCR) and ensure follow up.
- Attending weekly QA/QC meeting along with the manager and actively participating in the meeting with clients and consultants.

**COMPANY** : **KNR Builders & Designers**  
**POSITION** : **QC Inspector – Mechanical**  
**PROJECT** : **Commercial & Residential Building Project**  
**DURATION** : **Mar' 2012 to April' 2013**

**Job Description:**

- Review the Specifications, Method statement, ITP check list, detailed drawings and related quality control documents to ensure that the inspection process is in compliance.
- Assist QA/QC manager, QA/QC Engineer and coordinating with overall team to ensure quality workmanship strict compliance with the plans, specifications & local codes
- Monitor and Inspection of all work on Site according to Contract Specifications & Company's Quality Policy Standards.
- Conducting regular job site inspections and coordinating with consulting engineers, to ensure the resources and works going as in compliance.
- Follow-up of client comments / NCR / Site observations etc.
- Conduct all required tests in accordance with contract documents and to prepare & sign all reports & forms as necessary in compliance with Contract Quality Standards

**Personnel details:**

- Date of Birth : 01 June 1992
- Nationality : Indian
- Marital Status : Married
- Languages Known : English, Hindi
- Present Address : Doha, Qatar
- Passport No : L1297935
- Visa Status : Work visa with NOC
- Availability : Can join immediately upon request