

SHAMAL JANARDHANAN

Result-oriented professional looking to make a winning career as
QA/QC Civil Engineer with an organization of high repute
in Infrastructure & Structure Projects
Location Preference: UAE



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Profile Summary

- A competent professional with **nearly 8 years** of experience in **QA/QC Civil Engineer** with domain expertise handling large scale projects involving Industrial Infrastructure and building projects like Underground utility structures, Storm water pipe line, potable water line, Irrigation line, ducting for ITS line, Manholes, Electrical cabling etc. & Low level construction of Concrete Slab on ground, Piling, Concrete Structural works for 10m, 20m towers, Fencing, Precast & in-situ foundations, Underpass, Culvert, Bridge, NDRC work, Road works Residential, Buildings, etc.
- Rich experience in QA/QC of civil construction works of construction projects of large magnitude within strict time schedules and highest cost & quality standards.
- Expertise in verifying contractor quality requirements are specified to vendors and contractor documentation submittals.
- Conducting and coordinate Inspection for all construction works.
- Expertise in conducting quality audits & inspection, preparing & reviewing project quality plan & quality assurance procedures and implementing preventive & corrective actions.
- Rich experience in implementing latest Quality Management System (QMS) such as ISO 9001: 2015 and ISO 9000 standards.
- In-depth knowledge of construction steps, techniques, method statements & procedures, ITP and quality control techniques.
- Possess excellent communication & relationship management skills with proven excellence in problem defining, solving technical as well as commercial issues and mentoring motivated teams / workforce.

Core Competencies

Quality Assurance & Control

Site & Material Inspections

Project Coordination

Supplier Relationship Management

Inspection & Audits

Client Satisfaction

Documentation & Reporting

Rejection Analysis & Cost Control

Safety Management

Work Experience

Feb'18 Apr'21 with Sciencetech LLC/ China State Construction Engg. Corp. LLC-JV, Dubai as QA/QC Engineer

Client: RTA

Consultant: Parsons Overseas LTD

Project: ITS 2020 Intelligent Traffic System (ITS) for Dubai-itraffic-Phase-1

Package 1C: Local Infrastructure Works (Civil, Electrical and Communications)

Project Scope : Infrastructural works for Manholes, Pull box, Out station cabinet, Feeder Pillar, Mini FP, Communication Hub for Precast & In-Situ Concrete works, Excavation, Duct laying, Cable laying Fiber optic Cable Pulling, Asphalt Road works, NDRC Works Pilling, Pile cap & Steel structures etc.

Key Result Areas:

- Accountable for the quality and workmanship of every activity, precise knowledge of all aspects of engineering construction relating.
- All Site inspection as per the ITP with respect to drawings, specifications, standards and Method statement.
- Preparing project quality plan, Method Statement & ITP (Inspection Test Plan) and getting approval for the same.
- Keeping Track for any Audit findings, Raising NCR/Observation, Finding Root Cause for problem Improvement

in the system and closing for NCR/Observation.

- Taking quality measures including preparation/maintenance of necessary documents to ensure compliance as well as the various project requirements.
- Creating of inspection and test plans in line with customer requirements for their approval.
- Managing follow ups for defective material & tracking the process.
- Ensuring calibration of all the testing & quality control instruments at regular intervals by competent authorities.
- Conducting all kinds of testing related to Structures, utility works, and Earth works. Review and organize submission of Test Reports to Consultant.
- Review/ensure the Prequalification documents from subcontractor as per the project/Consultant Requirement and submit the same for approval.
- Review / ensure the Material Submittal Documents from Supplier / Manufactures as per the Project Specification & Approved shop drawing and submit the same for approval of Consultant.
- Managing and controlling the project sites for the execution of work as per the Quality Assurance Plan.
- Training and guiding teams towards identifying factors critical to quality, reducing process variation, improving capabilities & increasing stability to support quality goals.
- Regular site visits for quality control.
- Report to the QA/QC Manager & Project Manager on the status of site Quality issues.

Aug'18-Feb'19 with Apex Sky Contracting LLC, Dubai as QA/QC Engineer

Client: Deira Water Front Development, Dubai

Consultant: Arcadis Consulting Middle East Dubai

Project: Deira water front development phase 1

Project Scope: Roads, ducts works, street light foundation, light pole installing, Cabling, Irrigation, Potable water network, Storm water line Underpass etc.

Key Result Areas

- Initiating development and application of the QA plan, ITP'S for material procurement, testing, construction activity as well as the quality progress reports.
- Managing inspection and testing of all incoming construction material before the receiving at all sites.
- Maintaining and monitoring quality staff for work at different project sites in routine inspection.
- Raising the RFA (Request for Approval) and method statement, ITP for all sector of work.
- Review and organize submission of Test Reports to Consultant.
- Controlling all document relative to QA/QC and maintaining.
- Concrete mix design for the different grade of concrete in batching plant.
- Controlling the concrete quality at concrete batching plant during the production.
- Determining the standard deviations for different grade of concrete used in concrete structure.
- Coordinating with the site in-charge and technical staff.
- Organizing Quality Committee at different sites as per the QA/QC plans as well as quality.
- Final inspection conducting with consultant when the work is ready.
- Conducting inspection before concreting.
- Surveillance inspection of all civil ongoing activities at project site.
- Coordinate with DCL & 3rd Party laboratory for testing as per the ITP.
- Witnessing of Field testing like Compaction test FDT (Field Density Test) and other site tests.
- Supervising the effective implementation of all test & inspection schedules and ensuring adherence to all procedures and coordinate with various teams to perform quality audits on processes.
- Enforcing compliance to all quality manual and procedures; collaborating with contractors and suppliers to maintain the quality of all systems.
- Analyzing all products and non-conformance processes; evaluating all documents to ensure the maintenance of optimal quality and drafting monthly reports to evaluate performance.
- Performing pre-inspection to ensure that all installed materials are in conformance to applicable drawings and specifications.

Mar'16-Jul'18 with Al Sahraa Group. Abu Dhabi, as Project Engineer

Client: Tamdeen, Dubai

Consultant: M/S Aecom Middle East Dubai

Project 1 : PT 192/2 Dubai Whole Sale city, Spine Road Stage -1

Project Scope: Road works, ducts works, street light foundation, light pole installing, Underpass, Bridge, cable laying & Potable water network etc.

Client: CICPA(Critical Infrastructural and Coastal Protection Authority)

Abudabi

Consultant: Etimad Group, Abudabi

Project 2 : Buhasa main gate corridor extension works, mirfa 40 m sensor Tower

Project Scope : Fencing, Trenching, Cabling, Piling, Pile cap & Steel Tower Erection

Client: AFAD (Air force Air Defense) Abudabi

Consultant: Arcadis Consulting Middle East Dubai

Project 3 : LLR (Low level Radar)

Project Scope : Low level Construction of Slab on Ground at Different sites at Zirku Island. Installation works of Radar Systems for Rasgumais and Raslkaimah/Construction of Concrete Towers for Mezeira Liwa - 10m,20m HeightTower,s Piling, Pilecap in Jabal hafeet & etc.

- Maintained Supervision and Managing work on site at all stages of the project.
- Supervising and managing work on site at all stages of the piling works.
- Structural Inspection, Quality assurance and control, Inspection and monitoring of all Test for the piles & all works.
- Enforcing Health and safety acts and regulations on site for all procedures at all stages.
- Quality assurance and control.
- Preparation of Shop Drawing and As Built Drawings.
- Inspection and monitoring of all building materials used on site.
- Inspection of high quality of finishes including Road works, structures, utilities like sewerage ,Irrigation, potable water, storm water lines fencing, cabling, underpass, bridge, Compound walls precast & In-situ concrete works
- Identification of safety violation, and enforcing health and safety acts and regulations on site for all procedures at all stages.
- All related laboratory tests carried out Third party and wetness by the Engineer.
- Steel Structure work for Tower Elevations from ground floor to roof level.
- All inspection carried out step by step complying with approved shop drawing.
- All connection and fixing details in between RCC and Steel Structure as per approved Drawing.
- Identification of non-compliance of works issues NCR and SI site instructions.
- Supervising all finishing works.
- Monitoring the contractor's progress as per the approved program of work and assisting the Quality Surveyors in Contractor's monthly evaluation bill prior to final approval.
- Concreting for raft and slab.
- Steel Structured work for inspection carryout for main trusses, rafter, purlins, canopies and connection details as per approved shop drawings.
- Material Inspection prior to fixing.
- Supervision and Managing work on site at all stages of the project.
- Inspection of RCC Structure includes &beams and sitting elements and main canopy steel structural works.
- Quality assurance and control.
- Identification of safety violation, and enforcing health and safety acts and regulations on site for all procedures at all stages.
- Identification of non-compliance of works issues NCR and SI site instructions.
- Supervising all finishing works.

May'14-Nov'15 with Creative Interior Designing Company in kerala, India as Poject Engineer

Project : Commercial & Residential buildings Interior Works

- Carrying site inspection.
- Preparation of detailed drawings like Section details, Elevation details.
- Worked in Manual and Auto CAD.
- Supervision of all related works.
- Primary responsibility of QA/QC activities in the Project.

May'14-Nov'15 with Build-Tech Civil Engineering Consultants, Kerala,India as site Engineer

Project : Commercial & Residential buildings Interior Works

- Carrying site inspection & Supervision and Managing work.
- Reporting to Manager.
- Preparing inspection records.
- Preparation of Shop Drawing For Villas & Buildings.
- Preparing the Plan, Elevation & Sectional Details for villas & Building Projects...

IT Skills



- Computer Language (Basics of C)
- MS Office (Word, PowerPoint and Excel)
- Master Diploma In Auto Cad and Archi Cad

Education

- Diploma in Civil Engineering Leaving from Council for Technology & Science, Kerala, India
- Higher Secondary School Leaving from SN Trust Higher Secondary School Kannur,Kerala,India.
- Secondary School Leaving From SN Trust Higher Secondary School Kannur,Kerala,India



Personal Details

Date of Birth : 22nd June1990
Languages Known : English, Tamil and Hindi
Permanent Address : Padiyath House,Adikadalayi Kannur-670007, Kerala,India
Current Address : Dubai, UAE
Passport Number : L4826882
VISA Status : Visit Visa; valid up to 28-02-2022
Marital Status : Married
Nationality : Indian
Driving License : Light Vehicle – UAE & India

Declaration

I herewith solemnly and sincerely affirm that the statement made and the information’s furnished above are True and correct to the best of my knowledge and belief.

Place : Dubai-U.A.E
Date : 30/11/2021