

BINOJ PUDUSSERY POULOSE

Mechanical Engineer having 10 Years of Experience

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Passport Details: S 3831378 (Expiry on Feb. 2028)

Nationality: Indian

Marital Status: Married

Language Known: English, Hindi, Malayalam, Tamil & Arabic

Current Location: Doha, Qatar

Visa: Transferable Visa



PROFILE

- Mechanical Engineer with 10 years of experience in MEP, Infrastructure and DI pipe Welding projects.
- Worked in Parsons, Al-Mabani General Contractor & Desin P Ltd.
- Skilled in designing, execution, inspection, reviewing of submittals, testing & commissioning of MEP works.
- Strong relationship management & communication skills with an ability to identify & network with Managers, Project Engineers, Engineering Consultants, Clients, Vendors, Suppliers, Sub-Contractors
- Proficient in handling the gamut of tasks right from planning, monitoring and controlling phases of project lifecycle to overall inter-discipline coordination & administration
- Detail oriented & organized with excellent designing, decision-making & interpersonal skills

Core Competencies:

Construction Management

★★★★★★★★☆☆

Team work

★★★★★★★★☆☆

Site Engineering & Execution

★★★★★★★★☆☆

Communication Skill

★★★★★★★★☆☆

Quality Control & Inspections

★★★★★★★★☆☆

Problem Solving

★★★★★★★★☆☆

CAREER TIME LINE

September 2008

September 2011

July 2014

April 2018

MEP Engineer

Parsons –KSA

Mechanical Engineer

Al-Mabani General Contractor –KSA

Site Engineer

Desin Private Ltd – INDIA

EDUCATION

B.Tech (Mechanical Engineering) from Jyothi College of Engineering, Thrissur, Calicut University, Kerala, India in 2008

EXECUTIVE HIGHLIGHTS

- Successfully handled several projects from inception to completion
- Took measures like ensured timely availability of materials, resolving technical queries related to drawings, BOQs in co-ordination with structural design, architectural & interior designing teams & interior designing teams & co-coordinating with the contractor for executing construction work within defined timeline
- Played a key role in adding new revenue streams by executing the projects on time & within the budget by ensuring maximum client satisfaction
- Outstanding Performance certificate of Safety from the PARSONS on the Ministry of Housing (MOH) Project
- Have a good tracking record in reviewing the drawing, submittals, method of statements, etc.
- Part of Internal auditing at Al-Mabani General Contractor in 2014

WORK EXPERIENCE & EMPLOYMENT

MEP Engineer, Parsons, KSA, August 2014 to April 2018

- To implement and ensure quality management system in the project through system & standards.

- Responsible for drawing, material submittal, sub-contractor submittals, method of statement, materials inspection with respect to specification, Data sheet, material approval and quality plan for MEP & firefighting activities.
- Preparation of quality related documents as per client's requirements such as Quality control plan, Inspection and test plan(ITP), Method statements and related work instructions
- Experienced in in hydro Pressure test, air test, flushing & commissioning works
- Responsible for resolving quality related issues in site, as per the approved procedures.
- Witnessing and sentencing of all site inspections within their disciplines.
- Ensure that all inspection reports are accurate and that all attached documents are current status.
- Conduct internal audit on monthly basis for MEP departments, reporting NCRs to the managements and helping to improve the quality in accordance Standards.
- Ensure all logs are updated, Daily monitoring and progress report on the Construction Activities.
- Coordinate with Client representatives regarding the implementation and quality of works and compliance with all scope and cost specifications.
- Ensured accurate and timely reporting standards are maintained throughout the project
- Participated in Client/Contractor meetings and resolved Client/engineering and management project issues.

Mechanical Engineer Al-Mabani General Contractor, KSA, November 2011 to July 2014

- Planning, managing and monitoring of design to ensure that projects milestones are achieved.
- Design and execution of Plumbing, Firefighting, sanitary (sewer) system, Irrigation system, centralized drainage system, Irrigation system, water treatment plant, tunnel ventilation calculations.
- Preliminary and detailed mechanical design as per contractual documents & International Standard like ASME, NFPA, AWWA, Uniform Plumbing Code.
- Quality assurance and coordination of design different aspects.
- Co-ordination with other disciplines such as Architectural, Civil & Electrical.
- Design project management schematic to detailed design.
- Testing, commissioning and handing over of the project.
- Manage operation & maintenance manual and schedule for the all above work.

Site Engineer, Desein Contractor (P) Ltd. ,India September 2008 to September 2011

- Lead and manage a team of Welding Inspectors to support in Quality activities and report every activity (daily task) to Manager
- Reviewing and checking of welding procedures for welding Carbon steels, Stainless steels and Alloy steels materials
- Conduct procedure qualification (PQR) test as per welding procedure specification (WPS).Organize and conduct welder qualification test as per ASME Section IX and client specifications
- Inspection of electrodes, filler wires and gas used for welding. Control welding consumables and documents
- Visual Inspection of pipe fit up and welds joints and reject/accept as per acceptance criteria of ASME B 31.3
- Visual Inspection of structural members fit up and welds joints as per acceptance criteria of AWS D 1.1
- Monitor preheating prior commencement of welding and inter pass temperatures during the welding
- Monitor performance of the welders on the basis of radiographic inspection and promote corrective action where necessary
- Check final dimension, material traceability, orientation and cleanliness after completion of pipe spool fabrication / structural members Coordinate for Non-Destructive examination of welds(RT/UT/MT/PT), pressure tests in accordance with approved procedures and QC plans
- Coordinate for Post weld heat treatment of welds, monitor the heating rate, soaking time and cooling rate during heat treatment

- Prepare inspection test plans and Preparation of project welder performance/rejection report
- Coordinate technical queries with project management team on daily basis

PROJECT DETAILS

Saudi Arabian Parsons Ltd, Saudi Arabia Jeddah Prince Fawaz Housing Project

Parsons Corporation partnered with the Ministry of Housing (MOH) to tackle the largest sites planned for Development 17 separate community sites totaling nearly 74 million m² of land supporting about 92,000 apartments and villas. The communities will ultimately include construction of villas, apartment, internal roads, ancillary buildings, streetscape and construction work related to utilities.

Jeddah Prince Fawaz Housing project (Under Ministry of Housing) is a 3.9 million m² infrastructure project, the purpose is prepare the existing area for future housing, the work to be done includes

1. Enabling work, cutting of mountains and earth work.
2. Backfill, earth leveling and roads
3. MEP work.
4. Irrigation & Landscaping

Al-Mabani General Contractor, Saudi Arabia, Ar-Riyadh Development Authority (ADA) Projects

Al-Mabani General Contractor is taking care of 4 main projects of Ar-Riyadh Development Authority (ADA) in Riyadh

- **Riyadh Metro Project** –We are part of BACS consortium it's cost of 38 Billion Saudi Riyal. On this project we have construction of 72 KM Rail with underground railway stations & flyovers.
- **ERAOA (Extension Road of Al-Oruba and Abu Bakr Road through Riyadh Airbase)**.It's cost around 1600 Million Saudi Riyal. It contains 3 tunnels, 10 buildings, 1 flyover, 3 bridges, under pass,6 pump station ,water treatment plant, and with around 12KM road.
- **DEPKAR (Development of Eastern Part of King Abdullah Road)**.It's cost around 400 Million Saudi Riyal. On this project we have 1 flyover, 3 under pass, 3 bridges, 4 pump stations, irrigation pump station etc.
- **TPMR (Tunnel Project of Makah Road Intersection Saladin Road at Riyadh City)**.It's cost around 200 Million Saudi Riyal. On this Project we have tunnel, pump station and with around 3 KM road

Desein Contractor (P) Ltd, India ,Gujarat State Electricity Co-Operation Ltd Project

Gujarat State Electricity Co-operation Ltd. (GSECL) contains seven unit of thermal power unit. Each unit produces 210 MW of power.

TRAINING AND CERTIFICATION COURSE

- Member of CMAA (Construction Management Association of America)
- PACE(Plan-Act-Check-Excel) -Quality Management Program organized from IACET
- ISO Internal Auditor From Al-Mabani General Contractor
- ASNT Non Destructive Testing training course (NDT Level – 2)
- AutoCAD 2008 software from CADD centre

TECHNICAL SKILLS

- Auto CAD
- Catia
- Pro-E
- MS Word , Excel & Power Point