

NITHIN ABRAHAM MATHEW

Mechanical Engineer

A dynamic, innovative and result oriented professional with over 7.5 years' experience in various construction and maintenance activities. Highly adept in project management, managing teams, technical documentation and site preparation. Possesses exemplary communication and analytical skills and has excelled at managing multiple assignments and meeting tight deadlines. Proficient in codes and standards, compliance and safety regulations, cost estimation and material procurement. Available for immediate hire.



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KEY SKILLS AND ATTRIBUTES

- Project management
- Planning
- Estimation
- Procurement
- Structural Engineering
- Utility Piping
- Knowledge in Codes and Standards
- Technical Documentation
- Safety Focused
- Excellent interpersonal skills
- Analytical and Decision making skills
- Relationship and Resource Management Skills
- AutoCAD, MS Office

WORK EXPERIENCE

1. Site Engineer (On Contract Basis) [Dec'2017-Sept'2021]

Nuclear Power Corporation of India Limited {Under Man power supply of K.Daniels Projects(I) Pvt.Ltd}
Location: Kakrapar Atomic Power Project 3&4, (KAPP3&4) Vyara, India

- Worked as Site Engineer (Execution and Planning Engineer) at **Kakrapar Atomic Power Project 3&4** for **Nuclear Power Corporation of India Limited (NPCIL)** under the man power supply of M/s K.Daniels Projects (I) Pvt.Ltd
- Developed baseline detailed schedule for project containing various steel structures like platforms, walkways; piping, instruments and equipments, tanks and pressure vessels, heavy piping supports etc.
- Executed fabrication, blasting, painting and erection of 1200MT Structural steel in KAPP3&4
- Guided installation of Passive Catalytic Recombining Device (PCRD), 90no's each in Reactor Building 3&4 which was implemented for first time in India.
- Key role in completion of De-mineralizing (DM) water plant in KAPP 3&4.
- Installation of embedded plates (EP) in various locations using Anchor Fasteners.
- Actively participated in assisting Pre Commissioning activities and Integrated Leak Rate Testing (ILRT) of Reactor Building-3.
- Prepared Strategic execution plans, Re-scheduled and prioritized various construction activities.
- Supervised, guided and monitored major Structural platform and piping works of contractors and sub-contractors from client side to ensure quality, productivity and achieving targets within deadlines.
- Liaised with Client engineers, construction professionals and contractors to ensure efficiency and quality at various stages of construction.
- Surveyed project sites to establish reference points to guide construction and timely completion of works.
- Completed site surveys, marked locations and oversaw constraints of various jobs
- Reviewed various construction activities for compliance with health and safety requirements.
- Resolved technical concerns on site and communicated solutions with clients and contractors.
- Prepared technical reports documenting project progress and specifications.
- Coordinated weekly and monthly progress meetings to evaluate project advancements.
- Assisted in testing of various pipe line systems in Reactor building 3&4.
- Monitored material procurement, verified documents, construction reports and bills of contractors.

2. Site Engineer

[Jan'2017-Dec'2017]

GOPEC Pvt. Ltd, Mumbai, India | Client: Hindustan Petroleum Corporation Limited (HPCL), Mumbai Refinery

Worked as Execution and procurement Engineer

- Lead a group of Supervisors, technicians in carrying out major maintenance and repair jobs of various crude oil storage tanks which includes Floating/Fixed Roof tanks, single/double deck tanks.
- Carried out Periodic inspection and minor repairs of storage tanks and pipe lines.
- Executed equipment erection, structural and piping works associated with storage tanks.
- Prepared of action plans for executing all kinds of fabrication, erection and alignment jobs from the isometric and P&ID drawings.
- Successfully handled Quantity surveying, Material procurement and Cost estimation.
- Performed procurement engineering evaluations, item equivalency evaluations in support of site operations.
- Reviewed tender documents, scope of work and prepared purchase orders, cost estimate, BOM etc.
- Tracked and expedited various shipments and orders.
- Maintained log for various inspection visits and maintenance activities.
- Permit holder (Hot and Cold work permit).
- Work Scheduling and Man-hour tracking
- Attended client meetings and internal weekly team meeting to discuss job progress.
- Assisted HPCL team in onsite commissioning activities and updating commissioning records
- Prepared of RA Bills, invoices, technical documents, work completion reports and daily shift reports.

3. Junior Engineer

[Jan'2014-Oct'2016]

Raju Entrprises (Project Executors and Manufacturers) Bellary, India

Clients: Jindal Steel Works(JSW), BMM Ispat (Bharat Mines and Minerals Ispat)

- Successfully completed Erection, Alignment and commissioning of 160TPH Reheating Furnace [RHF] of Tenova Italimpianti at BMM Ispat Ltd and 220TPH Reheating Furnace [RHF] of Danieli Centro Combustion at Jindal Steel plant (JSW).
- Executed erection and alignment of equipment like Motors, blowers, recuperators etc.
- Handled erection and testing of Hydraulic pipe line in Stacker Area of Bar Mill in BMM Ispat Ltd.
- Erection of BF Gas line, Oxygen, Nitrogen, Cooling Water and Hydraulic line in furnace area in BMM.
- Completed erection of lubrication system with modification in furnace area in Jindal steel plant.
- Motivated and supported field workers completing work to increase work quality and team productivity.
- Interpreted of drawings, Maintained the assembling line, test line and erection lines.
- Regular inspection of the jobs, quality assurance and follow up of pending jobs.
- Ensured Safety of personnel and equipment, Co-ordination of labors etc.
- Tracked material usage and contractor hours to align projects with budgets.
- Generated Extra work claims, change orders and time delay extensions.

ACTIVITIES AND ACHIEVEMENTS

- ✓ Completed Fabrication, blasting, painting and erection of 1200MT of structural steel in KAPP3&4
- ✓ Excellent knowledge in Construction Drawings such as P&ID, Piping Isometrics, Equipment, GAD.
- ✓ Knowledge in Codes, Welding Standards of ASME Section IX and API 650.
- ✓ Knowledge in Material procurement, selection of pipes, pipe fittings, end fittings.
- ✓ Experienced in carrying out testing of pipe line systems like hydro, pneumatic tests etc.
- ✓ Knowledge in valve testing and data sheet preparation.
- ✓ Good Resource management and Relationship management Skills
- ✓ Assisted in Pre-commissioning activities and Integrated Leak Rate Test of Reactor Building-3 in KAPP3&4
- ✓ Actively participated in "Part programming on CNC Machines" course conducted by HMT Machines Tools, Bangalore, India from 19-12-2011 to 23-12-2011.

PROJECTS

Structural/Platform Works

Kakrapar Atomic Power project 3&4

De Mineralized Water Plant

Kakrapar Atomic Power project 3&4

Installation of Passive Catalytic Recombining devices

90 no's each in Reactor building 3&4

Kakrapar Atomic Power project 3&4

Major Maintenance of Crude Oil Storage tanks
HPCL Mumbai Refinery

Re- Heating Furnaces of 220TPH and 160TPH
JSW and BMM Steel Plants, Karnataka

EDUCATION

B.Tech /BE in Mechanical Engineering

Mar Baselios College of Engineering and Technology, Trivandrum, Kerala University

2014

PERSONAL PROFILE

Gender : Male

Visa Status :on Visit Visa till Jan6,2022

Passport No : K7821727

Date of birth : 30 Nov 1990

Languages Known : English, Hindi, Malayalam

Permanent Address: Pulliyil House

Kunnamthanam P.O, Mallapally,Kerala, India, Pin:
689581

Marital status : Single

Nationality : Indian

Father's name : Mathai T J

*References will be furnished on request