

NAZAR SAIVATHAN

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PROFILE

Result oriented professional **Mechanical Project Engineer** having more than 26 Year experience in successfully handling industrial mechanical construction projects for Chemical & Petro Chemical, District Cooling and Water supply Plants. Effective team player works in a multi culture environment and gives specific importance towards occupational health & safety.

Area of expertise include

- | | | |
|----------------------|-----------------------|--------------------------|
| ✓ Mechanical | ✓ Knowledge of | ✓ Material Planning |
| ✓ Piping | International Codes & | ✓ Resources Planning |
| ✓ Construction | Standards | ✓ Reporting & Project |
| Management | ✓ Cost Estimation | Records |
| ✓ Scheduling | ✓ Multi Discipline | ✓ Resolving Site Queries |
| ✓ Maintaining Safety | Projects | ✓ Conflict Management |
| | ✓ Team Building | |

EDUCATION

- ❖ Bachelor of Technology in Mechanical Engineering from University of Calicut, Kerala State, India
- ❖ Certified Welding Inspector (AWS – CWI) – Certification expired
- ❖ Registered Engineer in Saudi Council of Engineers – currently registration expired
- ❖ Appointed Person for Lifting Operations - Certification expired

CURRENT EMPLOYMENT

- ❖ Al Khorayef Water & Power Technologies; Contractors for National Water Company (NWC) at Madina, Saudi Arabia. 26 February 2023 onwards

Position: **Sr. Mechanical Engineer** in Operation & Maintenance Department (Pumping station which includes pumps, Tanks, Pipelines, etc)

EMPLOYMENT HISTORY

- ❖ BLUE STAR QATAR W.L.L, Doha, Qatar. 16 March 2016 – 25 March 2022

Position: **Sr. Mechanical Project Engineer**

Projects:

- GEWAN ISLAND DISTRICT COOLING PLANT at The Pearl, Qatar – District Cooling Plant (Piping & Equipments [Pumps, Chillers, Cooling Towers and its associated items] erection)
- CSU4 – Construction, Completion and Maintenance of Central Services Unit 4 (CSU4) Packaged Water Chiller at Qatar University; District Cooling Plant (Piping & Equipments [Pumps, Chillers, Cooling Towers and its associated items] erection)
- Energy Centre for Albayat Stadium Project; District Cooling Plant (Piping & Equipments [Pumps, Chillers, Cooling Towers and its associated items] erection)
- Energy Centre for Khalifa Stadium Project; District Cooling Plant (Piping & Equipments [Pumps, Chillers, Cooling Towers and its associated items] erection)

Responsibilities:

- Develops project objectives by reviewing project proposals and plans; conferring with management.
- Determining project responsibilities by identifying project phases and elements; assigning personnel to phases and elements.
- Determining project specifications by studying product design, end user requirements, and performance standards; completing technical studies.
- Preparing project execution schedule by studying project plan and specifications; calculating time requirements; sequencing project elements.
- Maintains project schedule by monitoring project progress; coordinating activities; resolving problems.
- Controlling project plan by reviewing design, specifications, and plan and schedule changes; recommending actions.

❖ CRISTAL –The National Titanium April 2009 – 14 Sept 2015
Dioxide Company, Yanbu, KSA

Position: **ENGINEER, PROJECTS (Mechanical – Piping & Equipments**
[Pumps, Tanks, Belt Filters & its associated items, etc] Erection)

Responsibilities:

- Develops project objectives by reviewing project proposals and plans; conferring with management.
- Determining project responsibilities by identifying project phases and elements; assigning personnel to phases and elements.
- Determining project specifications by studying product design, end user requirements, and performance standards; completing technical studies; preparing cost estimates for additional / variation works.
- Preparing project schedule by studying project plan and specifications; calculating time requirements; sequencing project elements.
- Maintains project schedule by monitoring project progress; coordinating activities; resolving problems.

- Controlling project plan by reviewing design, specifications, and plan and schedule changes; recommending actions.
- Preparing project status reports by collecting, analyzing, and summarizing information and trends; recommending actions.
- Maintaining safe and clean working environment by enforcing procedures, rules, and regulations.
- Manages the development of all capital project deliverables for plant projects
- Manages development and issuing of technical bid specifications and bid analyses and purchase orders.
- Develops cost estimate for capital projects and manages costs to budget.
- Management and Supervision of Construction Activities.
- Participates as a member on PSM (Process Safety Management) element teams including process hazard review, PSSR (Pre Startup Safety Review).
- Participates in process hazard studies as required to identify potential safety issues and provide technical solutions.
- Resolves or coordinates the resolution of technical issues in the manufacturing process.
- Participates in technical design and startup of capital improvements to meet plant objectives.
- Participates in refinement of engineering systems and processes.
- Liaised with clients, vendor representatives, project management and other engineering disciplines.

Projects Handled:

- ✓ Process water Contingency Project
- ✓ Up gradation of Effluent Treatment Plant
- ✓ Nitrogen and Oxygen Contingency Project
- ✓ Fire Water Network Upgrade Project
- ✓ Compressed Air System Contingency Project
- ✓ Off Spec Pond Project
- ✓ Chlorine Vaporizer Project
- ✓ Cooling Tower Project

- ❖ YANSAB – HDPE PLANT PROJECT 11 Dec 2008 – 31 March 2009
Yanbu, Saudi Arabia
Position: **WELDING INSPECTOR**

- ❖ PETRO RABIGH – OLEFIN PLANT PROJECT April 2007 – Nov 2008
Rabigh, Saudi Arabia
Position: **WELDING INSPECTOR**

- ❖ MSC -SAUDI ARAMCO – ADD. ASPHALT HANDLING PROJECT, Rastanura, Saudi Arabia Oct 2006 – March 2007
Position: **WELDING INSPECTOR**

- ❖ KJ CO – METAL FABRICATION/MACHINING COMPANY, Dammam, Saudi Arabia April 1997 – June 2006
Position: **Fabrication (Steel) / Mechanical / Machine Shop Engineer /**

Welding Inspector

Job responsibilities:

- Structural steel fabrication according to client drawing
- Piping fabrication including fit up inspection
- Selection of welding electrodes
- Welding inspection
- Materials quantity calculation and purchase according to drawings
- Allocate proper machining sequence to perform a job efficiently in the machine shop
- Allocate man power as per job requirement for maximum efficiency
- Allocation of machining jobs to lathe, planer, milling & drilling machines
- Design and fabricate Jigs & Fixtures to get maximum production in welding, drilling & machining jobs
- Responsible for the inspection of all welding works in the project covering pressure piping , in accordance with approved WPS / PQR and Applicable Industry Code Practice i.e. ASME sec IX , II A & II B , ANSI/ ASME B 31.3, AWS D 1.1 , approved QCP & ITP and Welding requirements / Standards.
- Inspection of Fabrication and Welding of the piping system as per shop and field weld and inspection of the same.
- Inspection and erection of piping system as per approved isometric drawings.
- Inspection of Piping fit up and Welding

- QA / QC Inspection and proper documentation to ensure correct fabrication, installation and testing of all the mechanical works related to the contract job.
- Review construction drawing against piping plan/P &ID.
- Inspection of incoming material materials as per specification.
- Prepare the work pack to release it to the contractor.
- Checking the invoices of the contractor charged against monthly progress of jobs.
- Punch list checking prior to the mechanical clearance.
- Witness the Hydro test according to design, codes and standard.
- Monitoring the fabrication work in progress at workshop & worksite.
- Issue the Latest revision IFC drawing to the contractor.
- Inspection of the technical query raised by the contractor.
- Quantity surveying of all the issued isometric drawings.
- Arrange and Follow up the outstanding Materials with the procurement.
- Inspection of insulation activities of Piping, verifying whether it conforms to approved specification/ standards, and proper Documentation.
- Verification of equipment erection, orientation, installation etc
- Checking materials availability to complete the project work
- Substitution of suitable materials; when necessary; to complete the project work
- Coordinating with contractor
- Verifying contractor documents like budgetary estimate, invoice, extra work invoice etc
- Checking contractor's work at site in order to complete the job in the planned date
- Supervised erection and commissioning of Belt Filter, Hi Rate Thickener, Flocculant system etc for Effluent Treatment Plant
- Supervised erection and commissioning of Vacuum Absorption Chiller

PERSONAL PROFILE

Age : 51 Year
 Date of Birth : 27 May 1974
 Driving Licence : India & Saudi Arabia

Civil Status : Married
Nationality : Indian
Address : Radwa House, Usha Garden,
Amala Nagar, Thrissur – 680555, Kerala State, India.