Curriculum Vitae

# TANVIR AHMED

***Objective:***

 Seeking a professional position in a company where I can utilize my Mechanical **construction**, pre commissioning **project execution** skills in **oil & gas, petrochemical power plants, waste water treatment projects**, in order to help my employer, better serve his customers and to make the service department operate safely and efficiently while attaining job satisfaction, growing in the company and learning new things.

***Personal Information***

Gender : Male

Address : H # 311/sector I-10/4 Street -24 ISLAMABAD PAKISTAN

Contact no **00923225552881**

Date of Birth : 10-04-1980

Nationality : Pakistani

Languages : English, Urdu, Punjabi, Hindi

E-mail : ahmed.tanveer021@gmail.com

Profession : Mechanical Engineer/Construction Manager

Experience : 18 Years

***EXPERIENCE PROFILE:***

Customer oriented individual, loyal and dedicated person who’s driven to succeed in any position. Excellent knowledge of principles and practices of employee supervision, including work planning, assignment and review and the training of staff technically in work procedures

Having practical experience of more than **18 years of Mechanical construction** in oil and gas, petrochemical, Waste Water Treatment and LNG projects in which included the process **equipment erection, utilities Equipment erection**, **process equipment** **of Waste water treatment plant**, i.e. **penstock effluent pumping stations**, **primary sedimentation Tanks equipment, storage tank erection**, **pre commissioning**. Extensive knowledge of **policies, procedures, equipment, installation, erection**, pre commissioning of process equipment, piping (such as structural, heat exchangers, vessels, columns, **pumping stations**, **water treatment process** equipment compressors, valves). **Having extensive knowledge of structural steel fabrication, like main frames, platforms, walkways, ladders, staircases, bridge’s structure**, framed openings, liner’s structure, beams, handrails, pipe supports.

***EMPLOYEMENT HISTORY:***

***CONSTRUCTION MANAGER mechanical/steel structure***

**Responsibilities include:**
• Planed and supervised the major functions of the fabrication and installation of steel structure which include the responsibility for the planning and co-ordination of all manpower and equipment, materials supplies, and sub-contracted services, towards the proper completion of the work on schedule with approved drawings, specifications, cost and quality limitations.
• Monitors Sub-contractors at each stage of the work to ensure proper compliance with all technical aspects of the project through both individual contacts and co-ordination meetings.
• Drafts for the signature of the Project Manager all correspondence to the Client and/or Sub-contractors related to his section of the project.

**Job: Sep 2015 to Dec2017 SAUDI ARABIA**

***PROJECT:* BENAZENE TANK LINER, PIPE RACK MAIN**

**FABRICATION& INSTALLATION MAINTENENCE**

**CONTRACTOR: SENDAN INTERNATIONAL**

***CLIENT:* SAUDI CHEVRON**

Presently Working with **ICOM Saudi Arabia** as a **Site In charge Mechanical**, worked on a Sump Tank project in Saudi Chevron. Fabrication& installation of Benzene Sump Liner Plates as per Standards & Engineering drawings provided by the Saudi Chevron.

**JOB RESPONSIBILITIES:**

* Prepared the **Method of statement for the Project** and got approval from client and co-ordinate for the preparation of **JSA**
* Liaising with clients and reporting progress, monitoring professional craft (such fitters,
* fabricators, foreman, Welders and supervisor) etc. Coordinating and Supervise **Fabrication Works** of Liner Plates for Sump**, site and Work shop**.
* Managed the Fabrication of Side, top and Bottom plates as per IFC designed drawing at site and in the work shop.
* Managed all the fabrication of steel structural erection & supervised the detailing of general assembly (erection) drawings, shop drawings & bill of materials (BOM) for issuance of material from the client.
* Constantly monitoring the existing processes and continually drive for the Improvement in Projects.
* Co-coordinating with the project manpower, production supervisor, foremen, purchase and stores team to arrange the materials in time.
* Planning, monitoring the project, dealing with client for specifications, drawings etc. Understand the contract, scope, billing.
* Supervised the **Welding** of CS liner plates with sealing’s strip after **installation** of side walls plates.
* Safety inspections and ensured **mechanical construction** execution and site safety.
* Performed successfully **integrity test** for the **sump tank**.
* Managed and completed **punch list clearance activity** with in time schedule.
* Checking and preparing site reports, and submitted all **the as built design drawings**, and got approval from client of **mechanical completion.**
* Motivating the workforce
* Problem solving
* Using expert techniques for **construction management**.
* Planning and managing the entire steel fabrication of different clients in the ICOM WORK SHOP. Performing initial **QC inspection** before final of QC inspection by the QC department.
* Following all the quality standards and proper delivery of finished items.
.Controlling the costing factor for fabricated items.

**OCTOBER 2011 TO FEB 2014 KHARAFI NATIONAL UAE**

 **PROJECT HABSHAN IGD 5**

 **MAIN CONTRACTOR TECHNIMONT**

 **CLIENT GASCO UAE**

• Coordinating with Project manager and design engineers to sort out engineering issues arising during construction. Prepared the **Method of statement for the Project** and got approval from client and co-ordinate for the preparation of **JSA.**

• Installation, testing, pre-commissioning & commissioning of various Static and Rotary equipment including pumps, compressors, package equipment etc.
• Progress monitoring and approvals.
• Checking and certification of Contractor’s invoices with respect to the actual progress at site.
• Maintain latest copies of all drawings and documents at the site office.
• Ensured that works are carried out as per the latest & approved IFC drawings and applicable engineering Codes & Standards, Client and Local Authority requirements etc.
• Ensured that proper Quality control is maintained for all the works being carried out at site.

• Skilled in supervising all construction activities including providing technical inputs for methodologies of construction & coordination with site management activities
• Material inspections, review and approval of Material Certificates etc.
• Ensure that approved materials only are used in the works.
• Preparation of Punch lists for mechanical completion of Tanks, Equipment, Piping and Pipeline.
• Process and resolve concession & deviation requests, non-conformities etc. from the Contractors.
• Attend daily, weekly and monthly meetings with Client and Contractors.
• Meetings and follow-ups with Local Authorities for obtaining necessary permits, approvals etc.
• Review, comment and approve the construction related deliverables submitted by Contractors, including procedures, method statements, ITPs etc.
• Witness all destructive & non-destructive tests, examinations etc. by the Contractor.

***DEC 2009– to SEP2011: KHARAFI NATIONAL (UAE)***

 **TREATMENT PROJECT ABUDHABI&ALAIN**

 **EPC PROJECT (BOT).**

**OWNER: ABU DHABI WATER AND ELECTRICITY AUTHORITY**

***SITE IN CHARGE/ ENGINEER****:*

Executed the erection of both static and rotary equipment as well as buildings, bridge structure and tanks structural erection and material controlling works and coordinate with client’s representatives, consultants and sub-contractors on technical matters Ensure timely and smooth progress of works Ensure quality of works is achieved and safety regulations are followed.

 Responsible for the installation of all **process equipment** **of Waste water treatment plant**, i.e. **penstock effluent pumping stations**, **primary sedimentation Tanks equipment, secondary sedimentation Tanks equipment, coagulation chambers, different agitators, chlorination building equipment, sludge tanks structure and agitators bio gas Generators sat, diesel generators sat, water treatment Piping of aeration tanks and equipment**.

 Applied the final, procedures approved by the client.

Major Responsibilities:

 Responsible for ensuring observance of the **project specification as per client standards.**

 Responsible for ensuring that **safety and quality** standards are respected.

Helps solving **technical and management problems** encountered in the area of responsibility in accordance with the established operating programmers.

For the correct and **cost-effective performance of mechanical construction and assembly work**, coordinating and controlling the activities performed by the dependent teams.

 Managed the technical and administrative documentation.

Supervised direct and sub-contracted work Responsibilities:

Supervised the installation, pre commissioning and commissioning of **gas generators** driven by **bio gas**, which was produced by **the waste water treatment**, for a small-scale **power plant** of **5 MW.**

 ***September 2007 –0ctober 2009***

 **PROJECT: PETROCHEMICAL PROJECT AROMATICS**

 **MAIN CONTRACTOR: TEHNIMONT**

 **CLIENT: KUWAIT PETROCHEMICAL COMPANY**

 ***SITE ENGINEER MECHANICAL:***

Responsible for the safe execution of work as per project specifications, technical clarifications and construction drawings

Carry out works scheduling, material requisition, cost control, supervision of equipment erection team.

Giving all information regarding the progress of the work indicating the cause of deviations between the programmed and the work carried out and proposes solutions and request instructions to overcome these problems, different substations control panel’s base structure

Responsible for the performing of work according to the approved drawings, contractual terms and good workmanship, and signs off on the various progress certificates; includes vetting all related timesheets and providing recommendations to assistant Supervisors, follow up the work as per International Standards.

Ensures that production quality and quantity standards are observed

Ensures that safety standards are observed and guarantee the quality of the work

Assists with the handover of completed works

Measure the works carried out with the Works Director and sub-contractors’ representatives.

Piping Erection, Welding, Complete assembly of all the lines, , Performing hydro test, Re installation of lines, Approval by QC and Client’s Piping Inspector and Releasing for Pre-commissioning.
Daily participation to the meetings of the Production Department in order to establish the priority

Guiding the craft to provide a good quality work and checking that all workers have the complete safety work equipment (overalls, gloves, glasses, helmets, safety harness tools).
Daily preparation of the package of drawings and assigning it to lead men;
Daily progress in quality conditions with the required standards.

Responsible for the installation of all **process equipment** **of Sulaibiya Waste water treatment plant**, i.e. **penstock effluent pumping stations**, **primary sedimentation equipment, secondary sedimentation equipment, coagulation chambers, different agitators, chlorination building equipment, sludge tank’s structure and agitator’s bio gas Generators sat, diesel generators sat, water treatment Piping of aeration tanks and equipment**.

Worked with the vendors like **SIEMENS, KSB for the installation Pre commissioning** and in commissioning of all **the process equipment** which were in vendor scope.

Commissioning of all process equipment as per the instruction of **Commissioning** manager

Managed all the **punch list clearance at commissioning phase** and completed the activity within the given schedule.

Supervised the team of **as built drawings** and submitted all the as built drawings to the technical department for the final **mechanical completion**.

 Applied the final, procedures approved by the client

***March 2006– Aug 2007: CCIC SAUDIA ARABIA***

***PROJECT:* LNG HAWIYAH PROJECT**

***MAIN CONTRACTOR: JGC***

***CLIENT: SAUDI ARAMCO***

***MECHANICAL SUPERVISOR:***

Planning, execution train 1.2.3 rotary and static equipment erection

Supervised the internal installation of demathanizers.

Supervised the installation of carbon beds and feed gas dehydrators

 Prepare all the equipment for internal QC inspection and for the Client QC inspection

Follow up and coordinate with the contractor's progress schedule

Preparation of civil foundation for the installation of compressors.

Participate in pre-construction of mechanical activities, like shimming, padding, elevation checks of foundation.

Supervised and performed the installation of lube oil system, flushing, chemical cleaning of flushing circuit.

Participate in the progress and technical meetings for the updated revision of drawings

Supervised the erection, pre commissioning of compressors

Supervised and coordinate with Nova pig none vendor for the preliminary alignment and final alignment of compressors.

Supervised the modification as per site instruction.

Supervised the team of all rotary equipment, installation, pre commissioning, and up to the mechanical completion

Followed up all the punch list (A, B, C) related activities and made sure the clearance of each punch with in time limit.

Prepare the time sheets and progress reports.

To ensure materials availability and Quality Assurance checks with inter-departmental co-ordination as per Technical Data Pack.

Co-ordinate foreign / local visitors.

 ***JAN 2001– FEB 2006:***

 ***PND YARD KARACHI***

 **MARINE MECHANICAL WORKSHO**

***MECHANICAL ASSOCIATE ENGINEER:***

 I joined PN Dockyard after the successful completion of 04 years’ apprenticeship from PN.

Dockyard is the main industrial unit of Pak Navy, which is ISO 9001 certified.

 Managed all quality assurance in the field of maintenance of different types of ball valve butterfly valves, globe valves, and different types. Hydraulic presses.

Inspection the equipment in the field to check that they met to the company standards.

Maintenance of all the hydraulic machinery in the Mechanical work shop

Control all activities in work shop.

Control all the technicians and give them their particular tasks.

Control all the HSE related activities in Work shop

Investigate new equipment installed in the system that it would be comply with quality assurance procedures.

All maintenance routines of the different types of pumps, valves, pipe line circuits.

Involved in major maintenance of ships and submarines both on board (offshore) and in the workshop.

Attended Quality control inspections after completion of work.

***Major Jobs accomplished:***

Supervised 03 No’s column Demathanizer ,500 tons’ erection and internal trays work.

Supervised the internal trays of Xylene's column 640 tons and Refinate column both of these having 119 trays and 91 trays respectively, in Aromatic project in Kuwait.

Supervised all the rotary and static equipment erection for Train 1, 2 and 3 in LNG project in Saudi Arabia. Included all internal works in carbon beds, feed gas dehydrators.

Supervised the installation of NOVAPGNONE 6 NOS compressors with their all the circuits (COOLING AND LUBE OIL CIRCUIT)

Supervised the projects heavy equipment erection team in petrochemical (AROMATICS) in Kuwait.

Managed and supervised the mechanical team for the Waste Water Treatment Plant of sulaibiya up to the mechanical completion of the project.

Supervised the internal work of different columns both in construction and turnarounds.

Supervised the adsorbent chambers internal installation and catalyst loading (molecular sieve) for 48 no beds.

Worked as a vendor UOP co-coordinator for pre commissioning activities in AROMATIC project.

Managed and supervised the mechanical team for the **Waste Water Treatment Plant** of **AL WATHBA AND ALAIN UAE Waste Water Treatments Plants** with Capacity of **30000-meter cube AND 100000 M CUBE** up to the mechanical completion of the project.

I was the team leader for the major refit of submarine; I completed the maintenance task for the Mechanical 30 days before

 ***PROFESSIONAL CERTIFCATES******:***

**PICW CERTIFIED BY TECHNIMONT**

**PTW AUTHORIZATION CARD**

**FIRST AID TRAINING CERTIFICATE**

**EYE&FACE PROTECTION CERTIFICATE.**

**FALL PROTECTION CERTIFCATE.**

**STRATEGIC DECISION MAKING CERTIFCATE.**

**FIRE SAFETY ON SITE.**

**PERMIT RECEIVER SAUDI CHEVRON**

**LOTO TRAINED BY SCHEM.**

**SAUDI ARAMCO PERMIT RECEIVER**

***SKILLS:***

Project mechanical Construction management

Pre-Commissioning supervision

Project Management

MS Office

Condition Monitoring

P-6 primavera working knowledge

***Education qualification:***

1997- 2001

PN TECHNINCAL TRAINING INSTITIUTE

**04 YEARS APPRENTICESHIP IN MECHANICAL ENGINEERING**

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2003 –2005 PIMSAT KARACHI, PAKISTAN

 **BACHELOR OF TECHBOLOGY (Mechanical)**

***COMPUTER SKILLS:***

Internet Surfing

MS Office

PRIMAVERA P-6

REFERENCE:

On Demand