MECHANICAL ENGINEER

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Career Objective:

**Seeking a challenging career opportunity in a company, where I can harness my technical skills, work experience and creativity that excels in the field of Mechanical Engineering and where there is ample scope for organization and personal growth.**

  Professional Working Experience:

* Worked in Origin Technologies as Mechanical Engineer from Oct 2015 to Feb 2017.
* Worked in IPEBS Pvt. Ltd as a Mechanical Engineer from May 2014 to Sep2015.
* As intern in National Thermal Power Corporation (NTPC) in MM–Turbine Maintenance Department.

Academic Qualification:

* **Bachelor in Mechanical Engineering** (B.Tech) from Jawaharlal Nehru Technological University Hyderabad (JNTU).
* **Intermediate (10+2**) from Board of Intermediate Hyderabad.
* **Secondary School Certificate** from Board of Secondary School Hyderabad.

Technical Qualification:

• **P.G Diploma in “Process Piping engineering as per ASME B31.3”**

• HVAC from Advance Training Institute –ATI, HYD (Govt. of INDIA)

• Worked on Project for “Manufacturing Process of Bevel Gear” -Tool Make

• Worked on Project for “CFD Analysis of Supersonic Flow of NACA0012 Airfoil at Zero degree angle attack”- Win Will Technical Services.

Software Skills:

• **SMART PLANT 3D**: Equipment & Piping Modeling, Supports.

• **PDMS**: Equipment & Piping Modeling, Draft & Isodraft, Support Modeling.

• **Caesar-II** (Static Stress Analysis)

**• Auto CAD**

• Excellent Computer Skills

Responsibilities at Site as Mechanical Engineer:

• Read isometric drawings, P&ID, piping plan drawings, support drawings, structure drawings, and equipment drawings to carry out the piping activities

• Plan the schedule of piping work

• Supervising construction staff.

• Marking weld joint number based on available pipe length.

• Supervising the activities erection of spools at the pipe racks, alignment and fit up the field joints.

• Prepare the Bill of Quantities for all piping works, and send the material request to material department.

• Prepare & Send Inspection Requests/ Hold Points for piping activities to the Consultant.

• Relocate the small bore drawing as per field.

•To ensure that the work to be completed with given standards of quality within the given time & in coordination with sub-ordinates & other Engineering discipline to avoid obstruction at work.

• Support installation in trench and rack

• Weight calculation of beam used for support

• Preparing ISO as per site condition for steam tracing tubes and issue for construction.

• Monitoring material stock.

• Monitoring work to complete as per standard.

• To performed Line inspection and witness for completion of job as per project specifications and Test package

• Prepare punch list against RFI for work done.

• Line checking.

• Preparing As-Built drawings (P&ID, Isometrics, GA’s, Tie-ins list, Supports Details, orientation drawings and vendor drawings)

• Inspection of piping activities at site.

• Responsible for test packages and witness of hydro testing.

• Checking the Pressure Gauges and Relief Valve Calibration certificates to make sure that within due date for Testing.

• Materials incoming inspections and verifications with certificates..

• Review of test packages, site inspection and preparation of punch list.

Technical Skills:

• Preparation of GA Drawings and Isometrics based on P&ID and Plant layout.

• Pipe support and Rack design, Expansion loop design.

• Checking of package units, vendor drawings.

• Nozzle orientation as per General arrangement drawings received.

• Modeling of Equipment and Piping for different systems like process, flare utility open drain and closed

drain systems, firefighting system.

• Piping Material Selection/Specification/Valve Data Sheets.

• Pressure design of Process Piping and Component as per ASME B31.3 [Straight Pipe, Flanges, Elbows and

Miter bends, Reinforced branch connections, Blanks, Blind flanges, Expansion joints].

• Flexibility analysis of piping systems.

• Hydraulic design of Liquid Piping and Pipelines (Pipe sizing, Pump head & power calculations)

• Supervision of Piping & Mechanical Equipment Erection, Fabrication.

• Knowledge of piping material codes and standards.

• Coordination with internal discipline (Process, Mechanical, Structural, Electrical, Instrumentation &

Pipeline).

Professional & Personal Strength:

• Quick learner & effectively talent delivering

• Confident to work independently as well as team member

• Initiative & Innovative

• Good listener

• Potential competent

• Ability to adapt any environment

Participation & Presentation in Conferences & Workshops:

• Participated in CIRCUITRIX (department of electrical and Electronic Engineering) organized by ISTE student chapter.

• Participated in assembling and dissembling of car engine.

Personal Profile :

Full Name **Ahmed**

Nationality Indian

Religion Islam

Marital Status Single

Languages Spoken English, Urdu & Hindi

Iqama Status **Transferable**

Yours Sincerely,