

Job Description:

Job Title	:	Engineer-Plant Design (Structural Analysis)
Reporting to	:	Team Lead
Salary	:	Industry par CTC
Hours	:	Full time
Location	:	Hebbal office, Bangalore.

Job Brief:

Acufore is looking for a design engineer responsible for undertaking Structural engineering activities related to Oil & Gas, Power, Chemical Plant Design Engineering

Responsibilities:

- Reviewing the Structural Drawings and Detailing in Coordinate with the Engineering Calculations and 3D Model, Considering the construction feasibility and the fabrication details.
- Work Independently, Client Interface and Project Management.
- To Coordinate General Queries arising from Clients, Comments from approval authority and other disciplines.
- To meet delivery schedules and with 100% Quality.

Desired Characteristics:

Good Experience in Performing Structural Analysis and Design Of:

- Equipment Support Structure, Process Skid/Module Base Frame Structure, Pipe Racks, Access Platforms and Stair Towers
- Pipe/Duct Supports, Equipment Supports & Crane Pedestal, Stack Support Structure

Analysis/Calculation Capabilities Include:

- Lifting Lugs/ Pad eyes, Spreader Frames & Bars
- In place Lifting, Transit, Vessel Impact/Collision & Seismic
- Bolted/Welded Connections, Nodes, Joints & Local FEM Checks
- Vessel/Bin/Hopper/Barge Deck Strength Checks
- Detailed Buckling Checks on Shell/Plated Structures
- Weight and Centre of Gravity Calculations, Material Take Off

Knowledge in American, Euro, Norsk, Canadian & British Codes in Design of Steel Structures.

Software Skills: STAAD Pro, RISA 3D, AUTOCAD, Advanced Steel (AutoDesk) or Tekla.

Additional knowledge in ANSYS (FEA).

Academic and Trade qualification:

- B.E./ B.Tech in Mechanical from Reputed college/university.
- 6 - 10 years of experience in Design & Detailing of Industries Steel Structures (Oil & Gas, Power, Heavy Material Handling Industries)
- Good Experienced in Performing Structural Analysis

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