

Job Description

1) Project Engineer (Pressure Vessel and Heat Exchangers):

Project Engineer is responsible for following activities-

- Engineering activities planning, progress monitoring and meeting the engineering schedule and milestones.
- Ensure that all engineering activities are performed as per customer requirements, specifications and relevant international codes.
- Leading the design team, coordination among design team, assigning work, supervision.
- Identify and resolve the issues to perform efficient, effective and timely execution of engineering work.
- Interface and coordinate with internal departments and customers.
- Preparation and/or review of engineering documents such as Bid Engineering, pre-order technical clarifications, material requisition and material technical requirements, design calculations and drawings.
- Material take off and technical evaluation of Bids.
- Review and maintain extra scope of work during project execution.

Experience: 7 to 8 years of expiring in pressure vessel manufacturing industries with this position. Candidate shall have expertise in international pressure vessel codes such as ASME, PD 5500, TEMA, API 660, API 650 and shall have experience with design software Compress, PV Elite, AspenOne (Bjack). Candidate shall be familiar with design and fabrication requirements of pressure vessel, heat exchangers, storage tanks.

Education Qualification: Graduate Degree in Mechanical Engineering

2) Pressure Vessel / Heat Exchanger Design Engineer:

Design Engineer is responsible for following activities-

- Performing the design calculations, material requisition, material technical requirements during bidding stage as well as during after contract award.
- Review of job package and prepare technical clarifications required from customer and prepare contract review summary.
- Evaluation of technical specifications applicable for job and ensure that all requirements of specifications and applicable codes are complied during engineering.
- Preparation of design report and final approval of design documents.
- Providing design out put data for preparation of drawings and material requisitions.
- Material take off.
- Technical evaluation of material offers.
- Checking of drawings to ensure complete compliance with customer requirements, design calculations and code requirements.
- Managing the design change requests from Shop Planning Engineer and Customers.
- Assisting Project Engineer.
- Preparation of Manufacturer's Data Report.

Experience: 4 to 6 years of expiring in pressure vessel manufacturing industries with this position. Candidate shall have expertise in design and detail engineering of pressure vessels / heat exchangers as per international codes such as ASME Section VIII Div.- 1 & 2, PD 5500, TEMA, API 660 and shall have experience with design software Compress, PV Elite, AspenOne (Bjack). Candidate shall be familiar with design and fabrication requirements of pressure vessels / heat exchangers. Candidate should be capable of independently doing mechanical & thermal design of heat exchangers and should be familiar with all aspect of mechanical design of both heat exchangers and pressure vessels.

Education Qualification: Graduate Degree in Mechanical Engineering

3) Material Engineer:

Material Engineer is responsible for following activities-

- Selection of material based on equipment process and design conditions.
- Review of job package and analyze material scope, quantities and applicable specifications.
- Planning of material requisition list and schedule as per project mile stone dates.
- Prepare technical specifications/conditions for material as per customer specification requirements and applicable codes.
- Preparation and issue of material requisitions within agreed mile stone dates.
- Checking the suitable material available in stock and booking it for job.
- Review of technical offers of material.
- Preparation of material take off and technical requirements of material during bidding stage.
- Coordination with shop planning engineer for material management.
- Coordination with drafting supervisor, design engineer & project engineer to finalize the material requirement.

Experience: 4 to 6 years of expiring in pressure vessel manufacturing industries with this position. Candidate shall be familiar with international material codes such as ASME, ASTM, BS, DIN, etc. Shall be familiar with design codes like ASME Section VIII Div.- 1 & 2, PD 5500, TEMA, API 660. Experience in design activities will be an added advantage.

Education Qualification: Graduate Degree in Mechanical Engineering

4) CAD Operator (Pressure Vessel and Heat Exchangers):

CAD Operator is responsible for following activities-

- Preparation of General Arrangement drawings, detail fabrication drawings based on design out put and data sheet.
- Preparation of "AS-BUILT" drawings based on final dimensions report.
- Checking of drawings to ensure compliance with design.
- Checking the interference between various vessel attachments.
- Preparation of list of material.
- Incorporate the comments from customer, drafting supervisor, design engineer.
- Revision control of drawings.

Experience: 3 to 4 years of expiring in pressure vessel manufacturing industries with this position. Candidate shall have experience in detail engineering of pressure vessel and heat exchangers. Candidate shall be familiar with fabrication requirements, welding details, assembly sequence, etc. Candidate shall have experience in drafting software Auto CAD.