



Position: Lead Unit Designer – Sr. Manager Grade/Cadre

Location: Vadodara

Company: German MNC

Job Profile

- To Lead Compressor/Blower Package/System Design Activities
- Preparation of complete technical documentation for all the Mechanical components of compressor and blower packages (quality, costs, deadlines) including Pumps, Pressure Vessels, Heat Exchangers, PSVs, Valves, PRVs etc.,
- System design taking into account sales/order documents such as orders, offers, customer specifications, internal factory standards and quality regulations as well as compliance with the functional specifications and the product development process for new product development.
- Constructive implementation (e.g. coordinating design activities, defining solutions and coordinating deadlines, making cost estimates)
- Create, access and release drawings, parts lists, specifications for package components
- Carry out and evaluate calculations in the areas of mechanics, statics, thermodynamics, strength engineering, process engineering, according to customer specifications, internal factory standards or national/international standards
- Responsible for risk analyses, ignition hazard assessments and operating instructions
- Examination of vendor documents or changes to design work with regard to technical correctness (specifications, order text) and basic design parameters
- Contact person for the areas of production, assembly, after sales, purchasing and test bench for questions, as well as for finding solutions for package-specific problems together with other specialist departments
- Provide design/technical support in the development of PFDs, P&IDs, GADs Etc.
- Carry out work given by Supervisor as and when required, which may include visit to Client/Vendors for meetings OR Sites to resolve system issues.

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Your Skills

- B.E – Mechanical from reputed University in INDIA
- Overall, 10 years of experience in relevant industry of Compressors, Pumps, Blowers, Turbomachinery (typically motor driven with ratings in range of 355 kW to 5000 kW)
- Preference for candidates from twin-shall rotary compressors or reciprocating compressors and experience in Oil & Gas industry
- Minimum 5 Years experience in Mechanical Design of Skid based packages.
- Hands on experience of execution of engineering design activities for accessories, packaging items like pressure vessels, heat exchanger, lube oil consoles, drive arrangements, gear & Belt drive, piping & piping accessories, control & safety valves, base frame, kids, structures and supports etc., Follow good engineering practice, applicable international standards and company standards as applicable.
- Knowledge of ASME, ISO, EN (Candidates with experience on API standards will be preferred)
- Knowledge on system design suitable for Hazardous Area Application
- Proficient in Inventor and MS-Office
- Knowledge of preparing PMS (Piping Material Selection) and Layout
- Good communication - written and spoken English

Added Advantage Skills

- o Knowledge of EU Directives like Machinery Directive, Atex, Pressure Equipment Directive, DIN, NACE
- o Design of Pressure vessel and heat exchangers with the help PvElite and HTRI software
- o Piping design & Stress calculations
- o Structural design calculations

Travelling Requirement : across INDIA - Approx. 25%

Contact:

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