

JD for Application Engineer

Position Summary:

Swagelok Bangalore is seeking a dedicated and skilled Application Engineer to join our Engineering Department at our Gurgaon office. This role involves working closely with customers, vendors, and internal teams to deliver high-quality fluid system solutions. The ideal candidate should have a strong background in fluid dynamics and fluid systems, excellent communication skills, and the ability to manage multiple projects simultaneously. Experience in sectors such as Oil & Gas, Semiconductor, or Clean Energy is preferred.

Job Title: Application Engineer

Location: Bangalore, India

Position Requirements:

- Strong communication skill.
- Hands-on technical and mechanical involvement.
- Organized and disciplined with the ability to meet deadlines.
- Effective team player.
- Ability to multitask.
- Willingness to travel as required.

Experience, Qualification & Skills:

- Bachelor's degree in mechanical, instrumentation or chemical Engineering
- Minimum of 2-3 years of experience in fluid system design, preferably in Oil & Gas, Semiconductor, or Clean Energy sectors.
- Previous Process Engineering experience within Oil & Gas, Petrochemical is an added advantage.
- Understanding of downstream and upstream process would be helpful
- Good analytical and presentation skills
- Good understanding of fluid dynamics and its application in fluid system design.
- Proficient in SolidWorks and AutoCAD for design and layout optimization.
- Ability to read and interpret Piping & Instrumentation Diagrams (P&IDs) and General Arrangement (GA) drawings.
- Knowledge of fabrication processes relevant to fluid system assemblies.
- Exposure to Quality process is an added advantage.

Job Responsibilities:

- Maintain expert-level product knowledge and application.
- Coordinate with internal sales team, customers, engineering consultants, and vendors to ensure seamless communication and project execution.
- Understand customer requirements and suggest appropriate products (or)solutions.
- Liaise with suppliers over technical and commercial matters.
- Develop instrumentation bills of materials (BOMs) based on Piping & Instrumentation Diagrams (P&IDs).

- Perform technical evaluations of vendor offers and prepare comparisons.
- Support procurement decisions.
- Draft and present proposals to customers.
- Prepare CAD assemblies for customer verification.
- Communicate CAD assemblies effectively to the production team.
- Ensure final assemblies align with customer-approved drawings and meet quality standards.
- Organize and maintain paperwork and the filing system as per internal quality requirements.
- Uphold Swagelok's policies and values in all activities.
- Track quotes and orders to ensure accuracy and timely delivery.
- Conduct product presentations for internal and external customers.
- Coordinate testing and ensure compliance with the Quality Assurance plan provided by the customer.

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