

Job Description

Application Engineer

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Join Safe-T-Sense's professional and growing safety team where you can make a positive difference in someone's life every day. At STS you will provide industrial functional safety related controls advice and industry best practices to our customers. This role is not traditionally a great fit for traditional HSE (Health Safety and Environment) personnel, as the role heavily depends on an understanding of machine controls and the related potentially hazardous energy sources.

An entry level safety position, if you have a passion for safety, a willingness to learn and love the idea of helping people return home with the same number of fingers and toes they showed up to work with, then this position will be a great fit for you. As an Application Engineer, your primary responsibility will consist of corresponding professionally with our customers and assisting them with properly identifying and quantifying risks related to their industrial machinery or application. You will help develop safety solutions engineered to reduce their risks to an acceptable level of safety. You may also verify safety architecture designs to keep personnel safe when working on or near the industrial environment and assist Sr. level engineers with performing on-site validation of safety systems.

Application Engineers provide guidance to a vast array of industries, including automotive, food and beverage, personal care, machine tools, tissue and paper, consumer goods, packaging, metal forming, rides and entertainment, AGVs, robotics, commodity chemicals and many more. Therefore, it is unlikely that working for Safe-T-Sense, will result in working on the same application or safety service every day.

Expectations and Responsibility:

- Collect knowledge and data around customer's industrial machine process by meeting on-site (face to face), or virtually with our customers via virtual conference software.
- Assist our customers with setting the proper priorities for their safety upgrade programs.
- Assist in the Design and support senior staff with discussions relating to the following safety solutions with our customers focusing primarily on recognized industry standards or customer specific requirements:
 - Lockout Tagout review and procedure(s) development
 - Safety audit
 - Risk assessments
 - Safety concept
 - Safety architecture design, including hardware and software engineering
 - Safety function verification
 - Stop time measurement / safe distance calculation
 - Safety system validation
- Meet project milestones and recognize the need to escalate to your manager as necessary to complete projects on time and within budget.

- Follow STS delivery process, procedures, methodologies, and utilize the proper tools to complete projects on time and to meet customer deliverable expectations.
- Leverage Sr. staff to expand knowledge and project capabilities.
- Work closely with the local sales team to provide customer support as needed.
- Assist in identifying and qualifying safety projects by collecting necessary data needed to accurately identify a project's scope and budget.
- Ability to work within a team environment and capable of being mentored by senior engineering members.
- Be willing to travel up to 50%. Primarily Monday through Friday; occasional weekend travel may occur.
- Maintain a positive mindset and attitude when working through customer's high stress concerns.

Required Education and/or Experience:

- Associate degree or equivalent industrial controls / safety experience (1-3 years).
- Minimum 6 months of industrial controls or machine safety experience.
- Aware of OSHA and industrial safety standards (ISO, ANSI, etc.)
- Aware of the safety project's lifecycle.

Preferred Qualifications:

- TUV FS Tech or equivalent certification (TUV, ANSI, Etc.)
- Knowledge of ISO 13849, ISO 12100, ANSI B11, ANSI Z244.1, NFPA 79, NFPA 70E, OSHA CFR 1910.147 and OSHA CFR 1910 subpart O.
- Knowledge of industrial controls, design, troubleshooting, etc.
- Knowledge of industrial safety (safety priority inspection, risk assessment documentation, system architecture design, verification, and validation).
- Knowledge of Euchner, Siemens, Rockwell, Sick, and Pilz safety hardware and software.

MISC:

- We are an Equal Opportunity Employer including disability and veterans.
- If you are an individual with a disability and you need assistance or reasonable accommodation during the application process, please contact us to make special arrangements.

BENEFITS INCLUDE:

- Competitive pay
- Health insurance
- Medical and dependent care flexible spending account
- 10 paid holidays annually
- PTO (Paid time off)
- 401K (Available after 90 days)