

## Job Description

### Safety Services Engineer

#### Job Description:

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.

A mid-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 a Safety Services 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 architecture designs to keep personnel safe when working on or near the industrial environment and conduct on-site validation of safety systems.

Safety Services 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 STS, will result in working on the same boring application 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.
- Design and discuss 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
  - Safety training
- Meet project milestones or 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 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.
- Identify and qualify safety projects by collecting and or reviewing data needed to accurately identify a project's scope and budget.
- Work within a team environment; however, being fully capable of staying focused independently.
- 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:**

- Bachelor of Science degree or equivalent industrial controls / safety experience (3-5 years).
- Minimum of 3 years of industrial controls or machine safety experience.
- Knowledge of OSHA and industrial safety standards (ISO, ANSI, etc.)
- Knowledge of the safety project's lifecycle.

### **Preferred Qualifications:**

- Have or currently working towards a functional safety 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.
- Experienced in industrial controls, design, troubleshooting, etc.
- Experienced in industrial safety (safety priority inspection, risk assessment documentation, system architecture design, verification, and validation).
- Experience in using Siemens, Rockwell, 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 a 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)