

Sr. Functional Machine Safety Engineer

FAS is seeking a Project Engineer with Functional Machine Safety experience. FAS offers safety risk assessments and mitigation services for manufacturing companies. Projects range from single machines to entire facilities. Machine safety is a high priority for manufacturers, and FAS is providing solutions to meet the increasing need for functional machine safety. We are looking for a capable, creative, and initiative-taking professional who wants to grow expertise in safety implementations as a key member of the FAS safety team.

Education and Experience:

- ◆ BS or MS degree in Electrical Engineering, Mechanical Engineering, or a similar discipline
- ◆ 4+ years of experience designing, programming, and commissioning PLC and VFD systems
- ◆ 2+ years of implementing functional machine safety systems

The Functional Machine Safety Engineer position involves:

- ◆ Collaborating with customers to assess new or existing equipment hazards
- ◆ Gain a clear understanding of operations and maintenance interactions with the equipment
- ◆ Using knowledge gained about equipment hazards and equipment interactions to complete risk assessments
- ◆ Creating recommendations for solutions that will mitigate risks while minimizing obstacles for operations and maintenance tasks
- ◆ Becoming a subject matter expert in safety systems and leading a project team(s) to create the required documentation, work packages, project schedules, and installations

Skills and Knowledge Required:

- ◆ Experience with hydraulics and pneumatics

Preferred Skills and Knowledge:

- ◆ TUV certification in Functional Machine Safety
- ◆ Experience with Ethernet/IP and other industrial networks
- ◆ Maintenance experience with respect to controls, pneumatics, hydraulics, and safety systems

Travel is estimated at 35 – 50%.

*Factory Automation Systems is an equal opportunity employer and a drug-free workplace.
The company offers competitive compensation based on skills and experience.
FAS has a comprehensive benefits package with medical and dental insurance, life insurance,
paid vacation, paid holidays and a 401(k) plan with company matching.*