

Role: Functional Safety Engineer – Czech Republic

Location: Czech Republic

Contact Type: Permanent

Santane offers a comprehensive suite of service portfolios for the world's pressing energy transition, climate change, carbon neutrality and green industrial revolution, along with assisting customers in identifying, assessing, and managing technological risks of their assets and businesses.

We have a fantastic opportunity for the position of Functional Safety Engineer for our Czech Republic Offices.

Job Summary:

We are looking for a Functional Safety Engineer who will be responsible for implementing and maintaining functional safety requirements in accordance with ČSN EN 61511-1, ČSN EN 61511-2, and ČSN EN 61511-3 standards. The ideal candidate will have a strong background in functional safety engineering, with expertise in developing and executing safety lifecycle processes for industrial automation systems.

Key Responsibilities:

1. Develop and implement functional safety strategies and procedures in compliance with ČSN EN 61511-1, ČSN EN 61511-2, and ČSN EN 61511-3 standards.
2. Analyse existing or define new safety instrument functions (SIFs) classify them or assess the existing risk and assign the safety integrity level SIL to these functions.
3. Based on the established SIL levels, design the configuration and design of the identified safety functions. Determine the intervals for testing these functions, specify the types of tests, and prepare procedures for performing individual tests.
4. Perform safety integrity level (SIL) determination and verification calculations for safety instrumented functions (SIFs) using appropriate methods and tools.
5. Prepare safety-related documentation, including safety requirements specifications (SRS), safety instrumented system (SIS) design documentation, and safety validation plans.
6. Conduct functional safety audits and assessments to ensure compliance with internal policies and external standards.
7. Stay updated on industry developments and best practices related to functional safety engineering and participate in relevant training and professional development activities.
8. Communicate effectively with stakeholders at all levels of the organization to promote a culture of safety and continuous improvement.

Qualifications:

- Bachelor's degree in engineering (Master's degree preferred).
- Knowledge and Experience in functional safety engineering, preferably in the energy sector.
- Strong analytical skills and attention to detail.
- Excellent written and verbal communication skills.
- Ability to work independently and collaboratively in a fast-paced environment.
- Certification in functional safety (preferred but not necessary).
- Proficiency in English and Czech Languages

Additional Information

- Local and International travel required.

Terms and Conditions

- Location: Czech Republic, home office
- Duration of Employment: Permanent
- Working Hours: Full time - 40 hours per week
- Starting Date: ASAP
- Competitive Salary: As per experience / negotiable

If interested, please email us your latest CV at reena.koul@santane.co.uk.