

Senior Functional Safety Consultant

£55,000 - £70,000 per annum (dependent on experience)

Knutsford, Cheshire

If you have a passion in supporting others to help their transition to net zero, then there has never been a better time to join Stopford.

Stopford has a truly exciting opportunity for a Senior Functional Safety Consultant to join the team on a full-time permanent basis to help our clients to transition to net zero as we expand our operations in the UK and internationally.

This is a fantastic opportunity to join us as a Senior Functional Safety Consultant and work with highly skilled professionals who are constantly striving to deliver excellence and best practice.

The Company

Stopford is an international multi-disciplinary consultancy, engineering design and project management services company founded in the UK in 1982. We work with companies around the world in emerging and existing industries, *our ambition is to lead the way in engineering a sustainable world towards a low carbon economy.*

We have ambitious plans for future growth over the next three to five years supporting our key clients in the renewables and green energies sector and commercialising Stopford's green technology portfolio. We have a significant opportunity to expand our operations in the UK and internationally and the role of Senior Functional Safety Consultant will support this growth.

Your time will primarily be based at our office in Knutsford occasional visits to Client sites.

Employment at Stopford brings many benefits including:

- Competitive Salary
- Profit related bonus payment
- Pension Scheme
- 25 days holiday plus bank holidays
- Private medical insurance
- Employee assistance programme
- Free on-site parking
- Reimbursement of professional membership fees
- Targeted professional development
- Mentoring scheme

The Role of Senior Functional Safety Consultant

The role of Senior Functional Safety Consultant is within the Consultancy Group and will involve leading Stopford's EC&I function with focus on Functional Safety services, providing support internally to Stopford Projects group and externally to new and existing clients.

The services will be across many industrial sectors from chemical to the low carbon sector, such as plastics to oil and hydrogen.

Key Responsibilities

You will assist in the development and delivery of Stopford's EC&I services, including SIS Design, Verification, Validation and Functional Safety Assessments.

Specifically:

- Responsible to deliver assignments and projects on time, to cost and to the required quality.
- Undertake EC&I engineering duties and advise the EC&I team members in:
 - Definition of EC&I Scopes of Work.
 - Production EC&I Calculations and Specifications.
 - Use of appropriate Standards.
 - Bid analysis for procurement, installation, commissioning and testing.
- Liaise competently with all Stakeholders, providing leadership, advice, and feedback, representing the company at all times
- Involved in LOPA studies, undertaking Fault tree analysis
- Able to perform SIL verification using tools such as ABB's SafetyInsight™
- Developing reliability block diagrams
- Undertaking FSAs through the project lifecycle

In order to be successful in the role of Senior Functional Safety Consultant you will be / have:

- Ideally educated to a degree level.
- TUV FS Engineer Certification is essential
- Have significant experience in high hazard industries preferably petrochemicals and/or renewable energy industries.
- Have significant experience of working in a design and engineering environment across electrical, control and instrumentation.
- Experienced in safety systems design and validation (BS EN 61508 & BS EN 61511).
- In-depth knowledge of DSEAR/ATEX, hazardous area classification equipment/design and CompEx requirements.
- Able to perform accurate design calculations and complete cost estimates.
- An ability to think strategically and develop long range plans, understanding the implication of changes to contract scope.
- An ability to work collaboratively with all engineering design and construction disciplines.
- Chartered status preferred

A full UK driving licence is essential for this position.

Please go to our website for a full job description to familiarise yourself with all of the responsibilities, skills and experience required before you apply for the position.

We look forward to receiving your CV for the role of Senior Functional Safety Consultant.

Please note that we do not accept applications from agencies, and you must be eligible to live and work in the UK.

Closing date: 28 June 2022

Stopford reserves the right to bring forward the closing date if we receive a suitable number of quality applications from which to make a shortlist. Therefore, we would recommend that you apply as soon as possible.

Please note that due to the volume of applications we receive we are unfortunately not able to respond to each applicant. If you have not been called for interview within 3 weeks of the closing date, you should assume that on this occasion your application has been unsuccessful.

Job Description

Position: Senior Functional Safety Consultant

Group: Consultancy

Location: Knutsford, Cheshire

Mission

Our ambition to lead the way in engineering a sustainable world through the transition to a low carbon economy.

Values

We value professionalism, equality, fairness, co-operation, and unrivalled expertise.

Description

The Senior Functional Safety Consultant is responsible for the providing Functional Safety and EC&I expertise in order to develop the businesses capability to effectively manage process risk. Reporting to the Lead Process Consultant you will work closely with all disciplines and externally with Stopford's clients.

Key Accountabilities/Responsibilities

- Take responsibility for developing a high level of EC&I and functional safety expertise within Stopford.
- Responsible to deliver assignments and projects on time, to cost and to the required quality.
- Undertake EC&I engineering duties and advise the EC&I team members in:
 - Definition of EC&I Scopes of Work.
 - Production EC&I Calculations and Specifications.
 - Use of appropriate Standards.
 - Bid analysis for procurement, installation, commissioning and testing.
- Liaise competently with all Stakeholders, providing leadership, advice, and feedback, representing the company at all times
- Ensure that Functional Safety and EC&I services delivered to Stopford's clients are maintained at a high standard.
- In conjunction with the Lead Process Consultant, provide coaching and development of other members of the consultancy team in the area of Functional Safety and EC&I.
- Develop, own and communicate Functional safety and EC&I standards (e.g. SIL studies, LOPA, ATEX compliance etc.)
- Lead functional safety assessments and assist in reviewing existing assessments
- Act as Project Manager on minor projects within his/her areas of expertise where business needs dictate
- Provide advice on Functional Safety and EC&I issues as requested by engineering design teams on specific projects
- Ensure that reports, calculations, and other documents are fit-for-purpose and of a high quality in accordance with the Quality Management System.

- Maintain up to date knowledge and professional competence in functional safety and EC&I speciality to include legislative requirements and industry practice
- Undertake audits to ensure standards are being met consistently across the business
- Demonstrate flexibility and customer focus and perform any other tasks within the overall scope of Functional Safety or EC&I, which may be reasonably required to ensure the efficient operation of the Company.
- Adhere to all applicable Stopford Ltd Policies (eg IT Policy, HR and H&S Policies, etc).

Minimum Requirements – Education and Experience

- Ideally educated to degree level.
- Chartered status preferred
- TUV FS Engineer Certification required.
- Have significant experience in high hazard industries preferably petrochemicals and/or renewable energy industries.
- Have significant experience of working in a design and engineering environment across electrical, control and instrumentation.
- Experienced in safety systems design and validation (BS EN 61508 & BS EN 61511).
- In-depth knowledge of DSEAR/ATEX, hazardous area classification equipment/design and CompEx requirements.
- Able to perform accurate design calculations and complete cost estimates.
- An ability to think strategically and develop long range plans, understanding the implication of changes to contract scope.
- An ability to work collaboratively with all engineering design and construction disciplines.
- Working knowledge of Office 365 including One Drive and Sharepoint with proficient use of Word and Excel.
- Eligible to live and work in the UK
- Full UK/EEC driving licence

Company Wide Aspects

- Adhere to Stopford's Business Management System
- Align with and promote Company Values and Vision

Review

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your changing role within the organisation and the overall business objectives of the organisation.