

## EC&I Consultant

**£30,000 - £40,000 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 an Environmental 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.

## The Position

As an EC&I Consultant you will support the Senior EC&I consultant to deliver Stopford's EC&I consultancy services. These services are provided internally to Stopford's 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.

The successful candidate will help in the development of Stopford Functional Safety services, involving all stages of the Functional Safety Lifecycle as per BS EN 61508/61511.

## 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 EC&I Consultant will support this growth.

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

Employment at Stopford brings many benefits including:

- Competitive salary
- Pension
- 25 days holiday plus bank holidays
- Private medical insurance
- Employee assistance programme
- Free on-site parking
- Reimbursement of professional membership fees

In order to be successful in the position of EC&I Consultant you will:

- Ideally educated to a degree level (BSc/BEng or MSc/MEng) in Electrical & Electronic Engineering or equivalent
- Have relevant experience in the chemical, oil & gas, pharmaceutical and/or renewable energy industries.

- Preferably have experience of working in a design engineering environment in the electrical, control and instrumentation discipline.
- Have experience of Safety Instrumented Systems operation and maintenance (ideally TUV FS Engineer certified or working towards).
- Knowledge of Safety Instrumented Systems design, verification, and validation activities as per (BS EN 61508/61511).
- Knowledge of DSEAR/ATEX installations design, operation, and maintenance requirements (ideally CompEx 12 and/or CompEx 14 certifications).
- Experience in LV power distribution systems design, operation, and maintenance.
- Working knowledge of Office 365 including One Drive and Sharepoint with proficient use of Word and Excel.

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 EC&I 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: 6 March 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:** EC&I 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

As an EC&I Consultant you will support the Senior EC&I consultant to deliver Stopford's EC&I consultancy services. These services are provided internally to Stopford's 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.

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### Key Accountabilities/Responsibilities

- Liaise with other Engineers (both process and other disciplines) to obtain and provide necessary information to review the engineering design against codes, standards and legislations
- Support the Lead / Senior EC&I Consultant as required and deputise on occasions.
- Ensure that engineering services delivered to Stopford's clients are maintained at a high standard.
- Support the Stopford Health & Safety Manager in ensuring that all work-related activities are carried out safely and responsibly.
- Maintain and communicate EC&I engineering standards and processes
- Partake and assist in reviewing risk assessments
- Involved in SIL classification studies (Layers of Protection Analysis, Fault Tree Analysis).
- Involved in SIS design, verification, and validation activities as per BS EN 61508/61511
- Involved in the development of Functional Lifecycle Management framework for internal projects and external clients.
- Involved in the development of reliability block diagrams.
- Involved in Functional Safety Assessments stages 1-5 through the project lifecycle.
- Involved in all other EC&I activities as required.
- Act as Project Manager on minor projects within his/her areas of expertise where business needs dictate
- Provide advice on EC&I Engineering issues as requested by engineering design teams on specific projects

- Ensure that EC&I 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 their speciality to include legislative requirements and industry practice
- Demonstrate flexibility and customer focus and perform any other tasks within the overall scope of Mechanical safety, which may be reasonably required to ensure the efficient operation of the Company.
- Adhere to all applicable Stopford Projects Ltd Policies (e.g. IT Policy, HR and H&S Policies, etc).

### **Minimum Requirements – Education and Experience**

- Ideally educated to a degree level (BSc/BEng or MSc/MEng) in Electrical & Electronic Engineering or equivalent
- Have relevant experience in the chemical, oil & gas, pharmaceutical and/or renewable energy industries.
- Preferably have experience of working in a design engineering environment in the electrical, control and instrumentation discipline
- Have experience of Safety Instrumented Systems operation and maintenance (ideally TUV FS Engineer certified).
- Knowledge of Safety Instrumented Systems design, verification, and validation activities as per (BS EN 61508/61511).
- Knowledge of DSEAR/ATEX installations design, operation, and maintenance requirements (ideally CompEx 12 and/or CompEx 14 certifications).
- Experience in LV power distribution systems design, operation, and maintenance.
- Experience in control & instrumentation systems design, operation, and maintenance.
- Awareness of fire, gas, smoke, and heat detection systems.
- Able to perform accurate engineering calculations and complete cost estimates.
- Positive attitude and an ability to work collaboratively in a multidisciplinary environment.
- Effective communications skills for interfacing with clients.
- 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.

### **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.