

Senior Systems Safety Engineer

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Company: ETS Egis Transport solutions

Location: United Kingdom

Category: architecture-and-engineering

Typically, the role will require the following contributions:

Responsibilities:

Support the System Safety Manager related to the Safety assurance activities on projects.

Assist in the development of project specific system safety strategies to comply with the projects' processes as well as client's and legislative requirements.

Support (under mentorship) in developing system safety deliverables including systems definitions, safety plans, Hazard Identification, system status records and system safety cases.

Act as Technical Secretary for Hazard Identification (HazIDs), Operability study (HazOPs) and other workshops as required.

Produce minutes of meeting and reports following these workshops.

Manage System Safety Hazard Records to capture details of the identified hazards.

Coordinate with various disciplines and stakeholders within the wider organisation/project to source and review evidence for closure or transfer of hazards.

Provide key project indicator for safety activities when required.

Work under the guidance of the System Safety Manager to define the CSM-RA Risk

Acceptance Principles to control the risks arising from each hazard and identify potential Safety Measures to make the risk associated with the hazard acceptable.

Support the System Safety Manager in providing compliance evidence and working collaboratively with the Client and Regulatory bodies to achieve the required Authorisations/Approvals under Railways and Other Guided Transport Systems (Safety) (ROGS) Regulations, the Railways (Interoperability) Regulations 2011, Tramway Principles and Guidance (TPG) and CENELEC Standards (EN50126/8/9) as applicable.

Provide support in regular interface with independent assessment bodies like AsBo, NoBo, Debo and Independent Competent Persons (ICP) to ensure compliance with mandatory Rail/Tram Standards and achieve approval reports.

Assist in Verification and Validation (V&V) of the design & construction requirements and the functionality of the design for reliability and safety purposes.

Support the RAM Lead in producing RAM related deliverables like RAM Plan, RAM Requirements/Allocation Reports and FRACAS.

Use of document and requirement management control tools like ProjectWise and DOORS.

In order to be considered candidates must fulfil the following requirements:

Degree (or equivalent) in engineering or an appropriate discipline

Extensive rail experience gained in a similar position.

Experience of supporting and delivering system safety assurance activities in a rail environment, in design and build projects.

Experience in delivering in compliance with CSM, Interoperability and NTSNs ,maintenance / operability requirements and standards for railway sub-systems

Excellent communication skills.

Team Player

Understanding and application of Rail standards ROGS, CSM RA, TSIs/NTSNs, ENs and TPG.

Willingness to travel to client offices as required.

You will need the right to work in the UK

What's in it for you:

By joining Egis, as well as receiving a competitive salary, you'll also have the opportunity to explore flexible working arrangements.

27 days' annual leave plus bank holidays

Annual Bonus depending on level.

Healthcare – Individual based on employee level

Life Assurance Bereavement Support Service

Cycle to work Scheme

Eye Care Vouchers with Specsavers

Travel Loans

Mobile Phone Allowance of £30 per month

Workplace Nursery Scheme

Electric Car Scheme

Training & Development

Equality, Diversity & Inclusion

We at EGIS are an Equal Opportunities employer and we recognise the value of a Diverse Organisation. EGIS appreciates all job applications. If you decide to apply for an opportunity at EGIS, your application will be assessed based purely on your experience, the essential and desirable criteria, and your suitability for the role. We value each and everyone's contribution as this builds our culture and means, if you work for EGIS, you will be included, listened to, and respected.

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