

**Role**

We have openings for permanent full time consultants advising manufacturers on product safety regulations. Your core role will be to assess products for safety risk at all stages in the product lifecycle and provide impartial objective technical reports on your findings. You will also explain the regulations to all levels of client staff, from shop floor to board room, and provide a sounding board for their questions and ideas. This involves:

- theoretical and practical risk analysis
- product inspection
- product testing
- report writing, and
- significant communication

We are looking for high quality experienced engineers who are capable of rapidly assessing unfamiliar equipment. Our primary focus is European CE regulation and SEMI S2, the company is an EU Notified Body.

The role will require you to have or quickly gain a very deep knowledge of international product safety regulations, safety standards and global industry safety guidelines relating to machinery and electrical products. The vast majority of our work is with industrial equipment.

You will be expected to identify the regulations that apply to the products you are inspecting, and be able to explain in clear language to your clients what those rules are, what they mean and how they affect them. You will be expected to help your clients understand why their designs do or do not comply with those rules.

We will provide you with training in all the essentials and give you the opportunities to learn the regulatory material. We do not expect you to already know it, though it helps if you have a regulatory background. You need to bring the engineering experience and the personality to be credible with your clients. You also need to bring the determination to learn the legalities at every opportunity.

We need people who can hold their own in front of senior engineers from the world's leading manufacturers and tactfully, accurately and constructively explain their product's safety issues. You will be working with experts from every field in engineering.

Day to day you will be working either in our main office in VA or at client sites, with our team behind you. Sometimes other members of our team will be present with you, sometimes you will be alone with the client. You are required to be completely self-sufficient, highly autonomous, self-disciplined, rigorous, tenacious and have impeccable integrity. We are only interested in people who will always see the job through, correctly, to the end.

You should expect to travel extensively throughout the year, mostly within the USA. Most assignments are 3-5 days, but occasionally you may have to travel at weekends.

We cover almost all manufacturing industries: energy, semiconductors, aerospace, packaging, machine building, defense, automotive, utilities, food processing, pharma, agriculture, geo-tech, communications, recycling, R&D etc, supporting some of the biggest names in critical infrastructure.

The role is based in Richmond, VA.

**Essential Qualifications**

Minimum of Bachelor's Degree in Engineering or related technical subject

Must have a valid drivers license

Must have a valid passport

**Essential Experience**

Minimum 7 years in Manufacturing, Process, Mechanical, Electrical, Aerospace, Automotive or related engineering discipline

Basic project management experience, qualifications are advantageous

Experience of compliance, typically to technical and or quality standards

Experience of product testing

Experience of working across functions and at all levels in corporations, from top to bottom

**Desired Experience**

Robotics, Industrial and machine control systems (Fieldbus comms, PLC programming, Defensive programming), Functional safety & systems reliability, Machine building, Industrial and domestic electrical systems

Product safety experience is advantageous

Excellent presentation skills

**Essential Soft Skills**

Unlimited technical curiosity and desire to learn

Critical thinking and ability to apply scientific method robustly, objectively and impartially

Excellent communication skills: spoken and written

Excellent English, technical and social. Additional language skills are advantageous

**Travel**

Up to 60% travel, mostly within USA but occasionally outside USA – Canada, Mexico, Europe, Asia

**Nationality**

Must be US citizen or have US Permanent Residence.

Special interest in dual US/Canadian citizens and Canadian Citizens with Green Card.

Other dual citizenships/work rights are also of potential interest

**Compensation**

Competitive salary

401k matching

Paid vacation

Health Insurance

Vision Insurance

Life insurance

Disability insurance

**Apply to: [recruiting@techintl.com](mailto:recruiting@techintl.com)**