

Curriculum Vitae

GREGORY P. SAUK, CFSE

EXPERIENCE

exida Consulting

Sellersville, PA

2006 – Present **Senior Safety Engineer**

Responsible for performing FMEDA analysis on clients products. Responsible for incorporating industry best practices for the safety development lifecycle into a common process. Consult with clients on improving their product development process to become compliant with IEC 61508 functional safety standard. Analyze existing development process and document gaps between current process and IEC 61508 requirements. Advise clients on methods to improve process and close gaps. Prepare safety cases providing arguments and evidence that a product meets the requirement for a given SIL level. Represent clients during product assessments.

Mycrosensor

Phoenix, AZ

2002-2004 **Senior Engineer, Pressure Transmitters**

Responsible for the production and testing of a smart Pressure Transmitter / Controller family of products. Products included Differential Pressure, Gage/Absolute, SteaMeter, and a Safety Transmitter series that was IEC 61508 certified.

Siemens Energy and Automation

Spring House, PA

1978-2002 **Development and Manufacturing Engineer**

Responsible for development work on several electronic industrial process control controllers as well as other electro-mechanical process control related devices (Pressure Transducers, Recorders, etc). Functions included developing prototypes for different designs, releasing products into a MRP production control environment, implementing engineering design changes, and writing test specifications to name a few. Transferred to manufacturing engineering in order to use my skills to improve the manufacturing of the Single Loop Digital Controllers in Spring House. Later became involved with improving the manufacturing of the same products at subsidiaries in Canada, Europe, and India. Most recently assigned to the Pressure Transmitter / Controller line where I was responsible for the production tests and equipment for oil filling, characterization, and final verification.

EDUCATION

B. S. in Electrical Engineering

Pennsylvania State University

CERTIFICATIONS

Certified Functional Safety Engineer (CFSE)