

## CV Rolf Spiker

**Company Profiles**  
**Exida .com**

*Exida.com* was founded on a passion for innovative high performance safety and availability of automation systems. Established as a US LLC by several of the world's top safety and reliability experts. The company provides a series of proven sample documents, templates, techniques, tools and procedures to assure quick and effective solutions.

**Name** R.Th. E. Spiker.  
**Title** B.Sc degree in electronics.  
**Function** Senior Safety Consultant.  
Age: 65

**Experience in the field**

Mr. Spiker has over 40 years experience in Safety Instrumented Systems (SIS) used in the Petrochemical and Oil & Gas Exploration and Production industries.

Has fulfilled a wide variety of functions within the Yokogawa System Center Europe organization and preceding companies and was heavily involved in the development of the companies Safety Systems and has two Safety Systems patents on his name.

Via electronic development engineer, project manager, sales engineer/manager, marketing manager, managing director of the Safety Systems group in the Netherlands, president of the US safety systems office, he finished his career as 'Senior Safety Consultant' in the Yokogawa SCE company.

In this activity he has established a new safety patent for the use of Neural Networks in Instrumented Safety Systems and has written and co-authored several articles about safety systems and their application in the industry.

He was also involved in many presentations for the Instrument Society of America, the American Institute of Chemical Engineers, WIB and Botlek group.

**Experience in Risk Assessments Analysis**

As Senior Safety Consultant he was and is mainly involved in end User applications of safety systems. He facilitates Risk Assessment studies and counsel Contractors and Users by implementing the new Safety

Standards.

He is able to perform SIF calculations and assist with the conceptual design of the SIF's.

Mr. Spiker has attended as IEC 61508 facilitator the Risk Assessment studies for the Shell Malampaya project being the offshore production platform and onshore Gas plant and including, but separate, the "packages" Solar turbines/generators and Cooper/Rolls turbines/compressors.

Has act as a Risk Assessment Chairmen/Facilitator for different Shell Nigeria oil and gas plants.

All activities needed to be performed in compliance with the Shell IPF and IEC 61508/61511.

**Member of  
International  
organizations**

Mr. Spiker is a full voting and working member for more as 15 years of the:

- ISA-SP84.01 and TR84 working group for writing a National US Safety Instrumented Standard.
- IEC 61508 (International Safety System Standard) and IEC 61511 (Application Specific Standard for the Process Industries) working groups.
- The IEC 61508 maintenance working group.

After retirement of Yokogawa SCE he is now active as Senior Safety Consultant for Exida.com and his main application field is end User applications of SIS's.

**Address**

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