

# Process safety workshop

## Learn how to successfully follow the safety life-cycle in order to keep your plant safe

This hands-on workshop will guide you through every critical phase of the safety life-cycle providing you with the knowledge and experience to implement all of the critical steps involved in complying with today's process safety standards.

### Receive 8 Professional Development Hour (PDH) Credits

By attending this educational workshop, you will receive eight professional development hours.

### Who should attend?

Engineering, operations, and production management who want to gain a clear understanding of the key requirements defined in the safety life-cycle.

### At the workshop you will:

- Learn about the history and direction of Safety Instrumented Systems (SIS)
- Understand the performance basis of recent guidelines, standards, and regulations
- Be able to evaluate process risk levels and effectively match risk to safety system performance requirements
- Understand and be able to analyze the impact of field devices on system performance
- Be able to satisfy the documentation requirements for process safety management legislation and industry standards

**WESCO-CCA Richmond, VA Office**  
12141 Wilfong Court  
Midlothian, VA 23112

Tuesday, June 2, 2009  
9:00 am – 5:00 pm

Continental breakfast and lunch will be included.

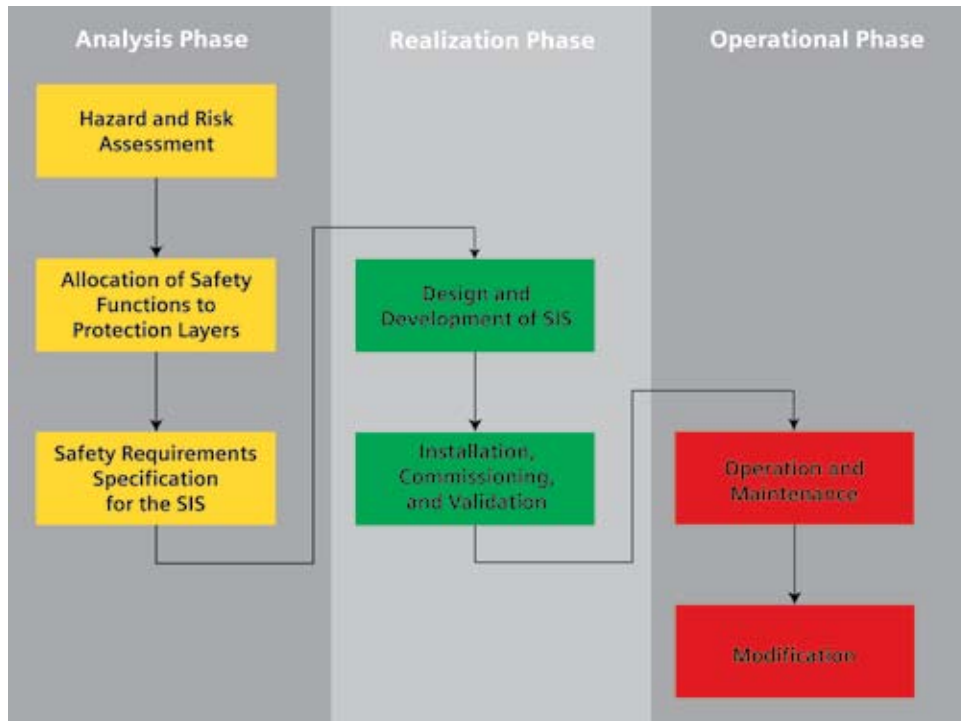
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## Educational workshop

Answers for industry.

**SIEMENS**

## The safety life-cycle defines the process necessary to identify, design, and maintain risk reduction



- **Analysis and documentation phase**
  - Properly analyze the risks and hazards associated with your process.
  - Determine and verify the amount of risk reduction your SIS should be designed to provide.
  - Effectively document what actions your SIS is going to take by via the Safety Requirement Specification (SRS).
- **Realization phase**
  - Through the entire realization phase, experience hands-on configuration with some of the most powerful engineering tools in the process safety market today.
- **Operational phase**
  - Learn how to operate and maintain your SIS to meet your designed functional safety criteria while ensuring Management of Change (MOC) requirements.

### Information on your safety expert presenter

Charlie M. Fialkowski, C.F.S.E. (Certified Functional Safety Expert), has been a Safety Systems Specialist for more than 15 years, with a focus on Burner Management (BMS) and Fire and Gas (F&G) systems. He is an active member of the ISA S84 technical committee and the Safety Theme Chair for ISA expo 2009. He has developed and teaches safety system courses for ISA and exida. He received his Electrical Engineering degree from Oklahoma State University and is currently the National Process Safety Manager with Siemens Energy & Automation, Inc.

Charlie is a contributing editor at:  
[www.safetybase.com](http://www.safetybase.com)

Read Charlie's recently published technical articles and white papers at:  
[www.sea.siemens.com/processsafety](http://www.sea.siemens.com/processsafety)

### If you have questions, please contact:

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