

SAFETY FUNCTION ANALYSIS AND SISTEMA

COURSE #: SISTEMA

COURSE PURPOSE

SISTEMA is a free software tool designed by Germany's BGIA (Institute for Occupational Safety & Health) to evaluate the Performance Level (PL) of a safety function using ISO 13849-1. A key part of a safety system is verifying that the solution meets the safety performance level of the hazard.

WHAT YOU WILL LEARN

- How to identify safety functions
- How to calculate the safety performance level using the free SISTEMA software tool and utilize Rockwell Automation's SISTEMA component library
- How to document safety calculations using SISTEMA's performance level verification report

COURSE SYLLABUS

- Machinery safety lifecycle
- Identifying safety functions using risk assessments
- Performance levels
- Hands-on lab

COURSE LENGTH



One day

WHO SHOULD ATTEND?



Control/design engineers who design and develop machine safety functions or those who have or will complete SAF-TUV courses.

STUDENT MATERIALS



Students should bring a laptop with free SISTEMA software preloaded.

HANDS-ON EXPERIENCE



Students will work through a hands-on lab to create safety functions and complete the verification report.

REGISTRATION INFORMATION



www.vanmeterinc.com/events



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