

## COURSE 2087: CSI 6300 SIS OPERATIONS AND MAINTENANCE

**COURSE DESCRIPTION:** The purpose of this training is to provide the attendee with a solid working knowledge of the CSI 6300 SIS System. This working knowledge will include an understanding of how to implement the CSI 6300 SIS and use the manuals for integration, System safety philosophy, Overall safety calculations of the complete chain, a basic explanation about SIL (why is it done, what are the reasons for doing it, history, what do the different safety related numbers mean), a description of: HW Components, Sensors, Configuration SW, Different System Variations, Measurement and Safety Functionalities, System Configuration, Sensor and System Installation, Implemented System and Safety Routines, In & Output Functionalities, Machinery Requirements.

**SUGGESTED ATTENDEES:**

Technical Sales personnel for Emerson and Emerson Reps  
Project Engineering personnel for Emerson and Emerson Reps  
Solutions Architects (proposal development) or Emerson and Emerson Reps

**DURATION:** 3 Days

**PREREQUISITES:**

Vibrational analysis  
Basic computer skills  
Basic knowledge of electrical test equipment

### AGENDA

<u>DAY</u>	<u>TOPIC</u>	<u>COMMENTS</u>
<u>DAY 1</u>	<b>Course Description</b> <b>Overview</b> <b>Safety Information</b> <b>Application and Design</b> <b>Mounting and Installation</b> <b>Configuration</b>	Includes Practical Exercises
<u>DAY 2</u>	<b>Visualization Functions</b> <b>Functions and Applications</b> <b>Technical Data</b> <b>Diagrams, Figures, and Certificates</b> <b>List of Changes</b>	Includes Quiz and Practical Exercise
<u>DAY 3</u>	<b>Exam</b>	Theory and Practical Exams