

COURSE 0022: MHM SYSTEMS DESIGN TRAINING

COURSE DESCRIPTION: The purpose of this training is to provide the required material and tools that will be used to instrument a machine and to develop a Bill of Materials (BOM) for an MHM system (CSI 6500, CSI 6300 SIS, and CSI 9420).

This course includes an overview of the types of measurements that can be instrumented and the different sensors that may be used, a detailed overview of the hardware and software used in an MHM system, and how to perform a walk down of a machine.

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: 5 Days

PREREQUISITES:

There are no prerequisites for this course

AGENDA

<u>DAY</u>	<u>TOPIC</u>	<u>COMMENTS</u>
<u>DAY 1</u>	Course Description Overview Intro to Vibration Sensors and Measurements Emerson Sensors	Includes Quiz and Exercise
<u>DAY 2</u>	CSI 6500 Protection System CSI 6500 Prediction System Instrumentation Overview	Includes Quiz and Exercise
<u>DAY 3</u>	CSI 6500 Enclosures CSI Systems in Hazardous Areas Buy Outs Human Machine Interface Development	Includes Quiz and Exercise
<u>DAY 4</u>	Licensing CSI 9420 Wireless Transmitter CSI 6300 SIS – Safety Instrumentation System Walk-throughs Site Visits	Includes Quiz and Exercise
<u>DAY 5</u>	Exam	Theory and practical exams