



Target Group

Hands-on training for individuals from the commissioning, maintenance, and service departments. Basic knowledge of industrial automation is recommended.

Training Objectives

- Understand the basics of EMC technology and its areas of applications
- Learn the planning, installation, acceptance, and maintenance of EMC systems
- Be able to use diagnostic tools effectively
- Carry out quality assurance and troubleshooting in EMC networks

Contents of the Course

1. Introduction to EMC technology

- Basics of EMC
- History and development
- Areas of application and advantages in industrial automation

2. Planning and installation of EMC systems

- New design/optimal installation
- Requirements for system planning
- Installation guidelines and best practices

3. Diagnostics and maintenance

- Carrying out quality measurements and interpreting the results
- Typical fault patterns, troubleshooting and fault rectification in EMC networks
- Creation of diagnostic and maintenance reports

4. Practical application and exercises

- Hands-on training with EMC diagnostic tools
- Simulation and solution of typical error scenarios
- Implementation and review of safety measures
- Development of an individual shielding and grounding concept

Troubleshooting Tools Used for Training

- EMCcheck® clamps – LSMZ I, MWMZ II, ISMZ I

Additional Details

Duration: 1-2 days of training

Class Size: Max. 8 participants

Language: English, Spanish, German

Equipment: Laptops and training stations provided

Certification: Receive a Participation Certificate

Travel: Travel expenses not included

To register for this course or for other training inquiries please email us at sales@indusolamerica.com.