

Process Instrumentation Training Europe

Instrumentation training capabilities





Empower your Staff

Striving to optimize plant operation, reduce start-up time, plant down time and even reduce spares inventory? We can help.

Looking for a training that teaches your staff process instrumentation operating principles and capabilities? We can help.

Developing skilled maintenance professionals who understand operating principles and capabilities of process instrumentation and know how to install, commission, operate, and troubleshoot the equipment? We can help.

How can we help? Our instrumentation Training programs are structured with one goal in mind: to ensure your engineers and technicians gain the highest level of process instrumentation knowledge and skills. This approach empowers your staff to maximize your overall plant productivity and profitability.



Process Instrumentation Training

Emerson Process Management offers a wide range of technologies, products and services to customers around the world. With its Rosemount and Micro Motion brands, Emerson delivers high quality measurement devices for flow, pressure, temperature, level, wireless, density, and viscosity applications.

Emerson Instrumentation Training Centres are designed to ensure you get maximum value out of each of your instruments. The Training Centres focus on teaching fundamental, theoretical, and practical knowledge on a range of process applications. The capabilities of instrumentation technologies are designed for these application challenges.

Emerson offers professional courses to a variety of professionals:

- Service and maintenance technicians
- Instrumentation and process engineers
- Engineering contractors
- Graduates and new hires

We offer flexibility regarding location, training dates, languages and course content.



An Approach to Innovative Training

Our process instrumentation training is specifically designed for today's industrial engineer or plant worker with a focus on interaction and a blend of different types of learning methods. Lessons use animations, graphics, audio, video and interactive exercises to augment and intensify the entire learning experience. By focusing on the principles of see, hear, read, and do, the courses encourage interactive learning and stimulate interest.

Each training course consists of both theory and hands-on activities while providing practical interaction with a range of devices. Trainees will configure and calibrate several measurement instruments thus helping their understanding of the theoretical principles involved

Each training course experience centers around the Emerson flow loops which simulate an actual plant environment. Students are able to see the wide breadth of Emerson technologies in applications and learn how devices operate under various conditions. Specially designed, portable demonstration units are also available to effectively perform practical on-site training sessions at customer facilities or plants.

Classes are restricted to a maximum of eight trainees. This way, trainees benefit from the positive learning atmosphere and get sufficient attention from the instructors.

"Excellent course, focused on our requirements."

M. Stroud
(Kodak, UK)

"Very informative. Good mixture of technical and practical training."

V. Latto
(Metco, Scotland)



Courses

Course Topics

Training courses focus on the areas of Measurement Technologies and Instrumentation Maintenance. The topics are targeted at various audiences and provide unique learning objectives.

Measurement Technology Training

Engineers are often faced with challenging applications for which they have to select between different technologies. Given the vast range of measurement technologies, engineers can therefore benefit from our professional, up-to-date hands-on training, encompassing the use of modern instrumentation.

Measurement Technology Training is designed for those interested in understanding the principles of various measurement technologies, or those involved in specifying, choosing, and applying instrumentation. The courses provide an in-depth look at both the operational aspect of devices and the appropriateness of various technologies to defined applications.

Individual courses are available that cover basic measurement technology with a choice of flow, level, pressure, temperature and wireless.

Instrumentation Maintenance Training

Troubleshooting can be one of the most frustrating tasks maintenance employees face. In order to resolve an issue, vast knowledge is required to understand complex process devices.

Instrumentation Maintenance Training is designed for service and maintenance personnel. Trainees will benefit from up-to-date “hands-on” training using actual devices and specialized tools. These comprehensive courses cover instrumentation operating principles and capabilities, installation, calibration, configuration, troubleshooting, repair, and preventive maintenance.

Individual courses are available, addressing instrumentation maintenance with a choice of training for flow, level, pressure, temperature, wireless, density, and viscosity devices and digital communication protocols.



Course Formats

We realize that everyone learns in a different manner. To tailor the training to your needs, we offer you the following options:

- Instructor Led Training - Dedicated Class
- Instructor Led Training - Open Registration Class
- Online Training

“The instructors knew what they were talking about and answered all my questions.”

P. Odendaal
(Sasol Oil, South Africa)

Instructor Led Training – Dedicated Class

Many of our classes are taught via the traditional Instructor-Led format, entirely customized to your requirements and held for a group of participants. This format is particularly valuable for your company when more than one person is interested in a specific training. We can offer courses based on predefined Emerson training modules, add specific topics, or even develop entirely customized content. Location and training dates will also be decided upon together with you.

The training can be delivered in different European languages, please contact us for all available options.

Instructor Led Training – Open Registration Class

Some courses are also available for Open Registration. Here participants have the opportunity to meet users from different industries. The content of the training is pre-determined and Emerson decides on the best suitable training, dates and location.

The language will primarily be English, but could also be subject to local requirements. For available locations and dates, please contact the relevant training centre.

Online Training

Online learning is an excellent way to help manage your time and costs when you can not attend a regional or local training session. Online training is offered as Instructor-Led or Self-Paced - it's your choice.

For more information about our online training offerings please contact the relevant training centre.





Quality Focus for Maximum Results

Emerson is committed to delivering a quality experience to participants in the training program. This quality approach extends to instructors, environments and learning materials.

Certified Instructors

All Emerson instructors are certified on both product and application knowledge as well as teaching ability. Each instructor is a technical expert and can offer considerable field experience from working in the field as a Service & Application Engineer or Product Specialist.

Training Locations

Trainees can attend courses at one of our European Instrumentation Training Centres or participate in one of the classes we conduct at a local sales or service office. Training classes typically start at 08:30h and end at 17:00h. Lunch and refreshments are provided in our company restaurant or in our training centre.

Emerson also offers on-site training courses subject to available facilities and full scope required.

“We would recommend the course to any newcomers into our department. We are now able to go out and solve any issues with confidence.”

T. Kennett
(Royal Air Force,
United Kingdom)

Course materials

Course materials will be provided, including paper copies of all presentations. A certificate of attendance is awarded to all participants who have completed at least 80% of the course; it is also possible to include a post test on the final day of the training.





European Instrumentation Training Centres - Contact Details-

Flow Training Centre



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Measurement Training Centre



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Level Training Centre



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About Emerson

Emerson has been in business since 1890 and is a global leader in bringing technology and engineering together to create innovative solutions for our customers. Based on a disciplined management process, deep customer relationships and vast experience in a wide range of industries and markets, Emerson is able to see tomorrow's business challenges. Rosemount and Micro Motion, divisions of Emerson Process Management, offer a wide range of products and services in the areas of flow, pressure, temperature, level, wireless, density and viscosity measurements.

For a complete list of Emerson Process Management web sites, please visit www.EmersonProcess.com

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