

Use of Sonic- and Process Intelligence in Practice (SC-PI2-SPI)

Objectives

Teaching of knowledge for signal evaluation with ultrasonic, radar and GWR level measuring devices.

Target Group

Service personnel, technicians and engineers responsible for commissioning and troubleshooting of ultrasonic, radar and GWR level transmitters.

Content

What means „Sonic Intelligence“/ „Process Intelligence“?

This training conveys the principles of signal evaluation for ultrasonic, radar and GWR level transmitters.

The possibilities of Siemens signal evaluation („Sonic/ Process Intelligence“) are explained and solutions for troubleshooting on site are shown on the basis of practical examples and exercises on devices.

- Basics Echo Processing
- Ultrasonic, radar and guided wave radar technologies
- Signal evaluation
- Interpretation of the echo profile of ultrasonic and radar measurement devices
- Interpretation of the echo profile of guided wave radar (GWR) measurement devices
- Troubleshooting solutions
- Special parameters
- Practically oriented exercises and exercises on devices

Prerequisites

- Experience with commissioning and troubleshooting of level measurement devices.
- Knowledge of programming and parametrization of ultrasonic, radar and GWR level transmitters.

Type

Face-to-face training

Duration

2 days

Language

en