

Analyzer System Manager Operator, basics and operation

OEM: Siemens • Code: SC-I-ASM

COURSE DESCRIPTION

This course provides an introduction to the Analyzer System Manager (ASM) and Process Environmental Management System (PEMS), covering their hardware and software structure, installation and database setup, communication configuration with process analyzers, access authorization, model import and mapping, simulation and testing, backup and restore, licensing, and diagnostics and troubleshooting.

AUDIENCE PROFILE

- Customer maintenance personnel
- Process Analytics
- Field Service
- Siemens Sales
- Siemens Partner companies

PREREQUISITES

- Basic knowledge in Windows
- Basic knowledge in industrial Gas Analyzers
- Knowledge in evaluating results of Process Analyzers

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Understanding the Structure of ASM
- Graphical User Interface
- Basics of Industrial Ethernet (RSTP, MRP/HRP)

COURSE OUTLINE

Module 1: Content

- General Introduction to ASM and PEMS

- Introduction to Hardware
- Introduction to Software components installed
- Detailed description of the functionalities
- Installation steps, Setup database
- Setup the web browser and credentials
- Engineering – Configuration files and uploading via Web browser
- Setting up the Communication with analyzers - OPC, Modbus etc.
- Access Authorization
- Importing models and setup the mapping
- Simulation and testing
- Backup and Restore
- Licensing
- Diagnostics/Troubleshooting
- Support