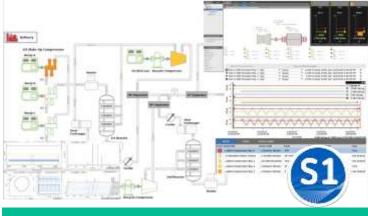# System 1

Bently Nevada

S1

Duration
3 days (21 hours) | 2 additional days for remote session

Delivery
Classroom or remote

Audience
- System 1 platform users
- Reliability engineers
- Condition monitoring personnel
- Personnel involved in preventive maintenance

Objectives

- Manage alarms and generate diagnostic reports with actionable information
- Configure and manage alarm setpoints with statistical tools
- Verify transient and steady state data using various types of plots, analyze, and visualize data to report on machine health and determine appropriate actions
- Maintain healthy System 1 databases to ensure operational efficiency

Program

Day 1
- Overview of System 1 platform
- Configure database preferences
- Alarm types and alarm management
- Display and manage alarms and events
- Types of steady-state plots and their usages
- Display and manipulate trends and steady-state plots

Day 2
- Configure and display machine states and state-based alarms
- Connect to online system simulator and display live data
- Configure and display reference data

- Configure and display specialized alarm setpoints
- Create and display plot sets and plot records
- Generate case histories and diagnostic reports

Day 3
- Types of Transient plots and their usages
- Use audit file for transient analysis
- Display and manipulate transient plots
- Generate and display overlay and compensation plots
- Configure and manage Notifications
- Database, users, and security management

Learning path

Recommended Prerequisites
- Fundamentals of vibration measurements

S1

Next steps
- Monitoring courses
- Diagnostics courses

Benefits

Practice workshops at each step of the course.