ASSET PERFORMANCE MANAGEMENT

BENTLY NEVADA™ SYSTEM 1™

This instructor-led course teaches students to use the System 1™ (S1) software in a variety of practical daily use situations. Workshops demonstrate how the platform can be used efficiently to minimize time spent looking at non-significant data, and to focus on the information that is needed to make good management decisions.

Format

Duration: 21 hours **Schedule:** 3 Day(s) **Delivery:** Classroom

Who should attend

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

Objectives

- Manage alarms and generate diagnostic reports with actionable information
- 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 S1 databases to ensure operational efficiency

Recommended Prerequisites

Fundamentals of Vibration / ISO 18436 Cat I

Program Outline

Day 1:

- Describe the value of System 1™ as part of a condition monitoring program
- Configure database preferences
- Display and manage alarms and events
- Describe the types of steady-state plots and their usages
- Display and manipulate trends and steady-state plots

Day 2:

- Display machine states and state-based alarms
- Configure alarm setpoints for the normal operating state
- Connect to an online device and enable data collection in System 1™
- 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