ASSET PERFORMANCE MANAGEMENT

BENTLY NEVADA™ SYSTEM 1™ FOR PORTABLES

Format

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

Who should attend

- System 1™ platform users
- Reliability engineers
- Condition monitoring and engineers involved in preventive maintenance

Objectives

- Configure and navigate machine and device hierarchy
- Create machine databases and machine templates for data collection
- Configure, display, and manage spectral bands and fault frequencies
- Configure and manage alarm setpoints with statistical tools, data collection routes
- Manage data communication with all the Scouts in the field
- Manage alarms and generate diagnostic reports with actionable information
- Verify, analyze, and visualize data to report on machine health and determine appropriate actions

Recommended Prerequisites

Fundamentals of vibration measurements / ISO18436 Cat. I

Program Outline

Program:

- Create database and set preferences
- Build machines using library and templates
- Build measurement points using automated methods
- Configure and manage data collection routes
- Synch route with portable instrument using file, instrument, and remote comms methods
- Collect route-based data using portable instrument
- Condition monitoring alarms
- Alarm management
- Configure measurement points manually
- Configure machine alarm setpoints (import/export)
- Configure fault frequencies and frequency bands
- Configure 6Pack and PeakDemod measurements
- Configure dual channel from panel and triaxial measurements
- Modify routes
- Synch route with instrument
- Collect route-based data using portable instrument

- Create and display statistical alarms
- Display trends, x-y, time waveform and spectrum and waterfall plots
- Manage alarms and display spectral bands and fault frequencies
- Generate case histories and diagnostic reports
- *System 1™ version 19and above