ASSET PERFORMANCE MANAGEMENT

# BENTLY NEVADA™ SYSTEM 1™ PERFORMANCE

System 1™ Performance software module extends the functionality of System 1™ condition monitoring software to include online monitoring of thermodynamic performance. Learn to harness the power of performance monitoring during this instructor-led class. Includes workshops using your own installation of System 1™ or System 1™ on cloud-based virtual machines.

## Format

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

## Who should attend

System 1 users who want to use Performance feature of System 1™

## Objectives

- Describe the value of monitoring machinery performance.
- Identify the general inputs and expected outputs for performance monitoring on machinery such as pumps, compressors, gas turbines, steam turbines, generators, and turbo expanders.
- Use System 1™ Performance to monitor and troubleshoot performance.

Delivery: Instructor led, remote or classroom

## Required Prerequisites

System 1™ coursework

## Program Outline

**Program**

Overview:

- Benefits of machine monitoring
- Bently Performance in System 1™ architecture

· Basic concepts for thermodynamic performance

- Performance monitoring KPI terminology
- Performance monitoring outputs
- OEM data design workshops

· Demo of System 1™ Performance monitoring software

Machine applications:

· Operation of machine

· Instrumentation and inputs

· Outputs

· User interface

· Workshop to create performance plot

· Monitoring performance of machinery. Customers can select from the following machine types:

- Pumps
- Compressors
- Gas turbines
- Steam turbines
- Generators
- Turbo expander

Additional time can be added based on the number of machines chosen.