ASSET PERFORMANCE MANAGEMENT

BENTLY NEVADA™ 3500 OPERATION & MAINTENANCE

A hands-on course for personnel involved with operating and maintaining a Bently Nevada™ 3500 Monitoring System. Includes an overview of hardware components, how to use the rack configuration software, and maintaining and troubleshooting the system. Workshops include practice with live monitors and racks.

Format

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

Who should attend

- Engineers who work on maintenance and troubleshooting of 3500 monitoring system
- Instrument technicians
- 3500 monitoring system users

Objectives

- Explain the role of 3500 monitoring system in machinery monitoring and protection.
- Identify installation conditions that affect the correct operation of proximity transducer systems.
- Test monitor alarms and verify channel values in a radial vibration monitor.
- Use Bently Nevada™ propriety configuration software to configure, verify, and troubleshoot the 3500 monitor system.
- Troubleshoot the 3500 monitor system and associated transducers using software and hardware techniques

Program Outline

Day 1

- Overview of 3500 monitoring system
- 3300 proximity transducer system operation
- 3500 monitor system support components
- TDI/RIM hardware connections and communications
- Power supply, TDI/RIM and Keyphasor configuration

Day 2

- Radial vibration
- Thrust position
- Relays

Day 3

- 3500 system utilities
- Troubleshooting 3500 system
- 3500/92 communications gateway (optional)

Optional: The last day focus can vary depending on audience needs