



IE265S: Bently Vibration Rack 3500 Maintenance Training

Training Description:

This training course is for personnel involved with operating and maintaining a 3500 Monitoring System. The training course includes an overview of hardware components, how to use the rack configuration software, and maintaining and troubleshooting the system.

Training Objectives:

By the end of the training, participants will be able to:

- ✓ 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

Training Requirement:

"Hand's on practical sessions, equipment and software will be applied during the course if required and as per the client's request."

This training course is available upon request in English or Arabic. Content, location and duration can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Designed for:

This course is intended for Engineers involved in maintenance and troubleshooting of 3500 monitoring system, Instrument technicians and 3500 monitoring system users.

Training Program:

FIVE DAYS:

- ❖ Overview of the 3500 Monitoring System
- ❖ 3300 Proximity Transducer system operation
- ❖ 3500 Monitor System support components
- ❖ TDI/RIM hardware connection and communications
- ❖ Power supply, TDI/RIM, and Keyphasor configuration
- ❖ Radial vibration
- ❖ Thrust position
- ❖ Relays
- ❖ 3500 System utilities
- ❖ 3500/92 Communications Gateway (Optional)
- ❖ Troubleshooting the 3500 System

- ❖ Course Conclusion
- ❖ POST TEST and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures, Concepts, Role Play
- 30% Workshops & Work Presentations, Techniques
- 20% Based on Case Studies & Practical Exercises
- 20% Videos, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

To be advised as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break/Lunch)
13:30 - 14:30	Last Session

For training registrations or in-house enquiries, please contact:

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Training & Career Development Department