

vibXpert/Omnitrend Training Course

(3 Days)

1. Introduction to Vibration and Condition Monitoring
2. Basic Setup and Use of the vibXpert
 - a. Display settings
 - b. Multimode (Offroute), Route, and Machine Template Modes
3. Omnitrend Overview
 - a. Registration of the Software
 - b. Overview of the Machinery Manager, Data Viewer, Setup Manager, Template Editor, and Route Editor
 - c. Configuring Units and Display Settings
 - d. Creating Users and Assigning User Levels
4. Creating a Database
 - a. Parts of the Database
 - b. Building Measurement Templates
 - c. Building Machine Templates
 - d. Building a Machine Database
5. Creating a Route
 - a. What Makes Up a Route?
 - b. Ordering the Route
6. Downloading a Route to the vibXpert
7. Collection of Data
8. Uploading a Route from the vibXpert
9. Analysis of Data
 - a. Adding/Displaying Frequency Markers
 - b. Cursor Types
 - c. Waterfall Displays
 - d. Multi-Views
10. Creating Alarms
 - a. Overall Alarms
 - b. Band Alarms
11. Adding Visual Inspection and Process Measurements
12. Variable Speed Machines
13. Reports
 - a. Standard Reports
 - b. Omnitrend Web
 - c. Findings Reports
14. Hands-on with the vibXpert
 - a. Balancing
 - b. Bump Testing
 - c. Start-Up Coast-Down