

1 & 2 Plane Balancing – 3 days



Safely, quickly and cost-effectively field balance machinery. NorthPoint uses advanced one and two plane rotor kits to simulate real life situations, to deliver a practical, hands-on training experience. Students first learn single plane balancing, progressing to 2-plane balancing when single plane concepts are grasped and fully understood. (approximately 4 hours spent on day 3 to introduce 2 plane balancing, building on the first 2 ½ days of instruction.)

Both graphic and computerized methods are taught. Computer methods give speed and accurate computation; graphical methods derived the solution from first principles and understanding of best plane selection, that computers alone cannot give.

Powerful techniques taught: Use trial weight data to troubleshoot looseness, poor bases and resonance. Use the variable bandwidth, tracking vector filter to reject interference from adjacent vibrating machinery, for faster and easier balancing.

Collect 4-channel horizontal and vertical vibration data from each of 2 bearings for even more powerful machine troubleshooting. Save and recall data to software. Quickly create reports. Do one-run balancing on similar balance jobs.

For more information or to register email adoyle@northpointts.com