



Contact us at  
(877)-509-8020  
For information check out:  
[www.novaspect.com](http://www.novaspect.com)



## Course Information:

Course Time: December 12-13th  
Place: Novaspect Mosinee, Wisconsin  
Course Cost: \$1950.00  
Lunch will be provided.

### Course Content

#### The vibration phenomenon

- Understanding the vibration phenomenon
- Frequency and amplitude measurements
- Temporal signal versus vibration spectrum
- Phase concepts
- Resonance concepts

#### Imbalance

- Definition and cause of imbalance
- Types of imbalance
- Confirmation of imbalance and vibration analysis

#### Balancing

- Learning what instruments are necessary for balancing
- Understanding the balancing technique using the vector method
- Balancing on 1 plane
- Balancing on 2 planes
- 3-point method without phasing
- Special balancing methods

#### Balancing tolerance

- ISO 1940 standard
- API 670 standard
- Acceptance based on vibration level

# DYNAMIC BALANCING COURSE

Mass imbalance is a primary cause of failure in rotary machinery. Every time a machine shaft makes a revolution, unbalance forces are transmitted through the bearings and machine structure, causing premature wear and shortening equipment life. Dynamic balancing is one of the key components for a predictive maintenance program in the plant. To learn more about the ins and outs of Dynamic Balancing REGISTER FOR OUR COURSE:

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