2 Day Field Balancing Course

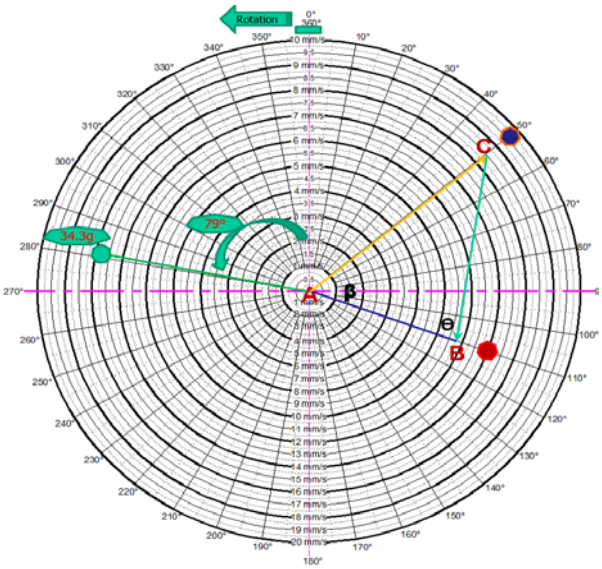
Learn About Single and Dual Plane Field Balancing

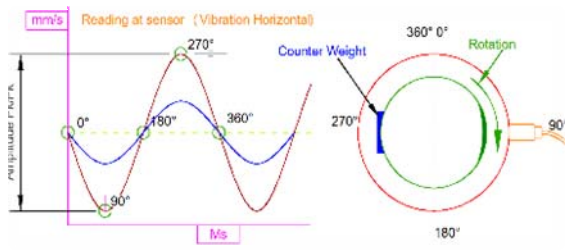
This course will provide a good foundation for all involved in the balancing of rotating equipment in the field.

Who Should Attend This Course?

- Engineers, Technicians, Supervisors and Fitters
- Design Engineers
- Rotating Equipment Specialists
- Condition Monitoring Technicians

You will come away from this course with a solid understanding of balancing fundamentals. By using the correct methods you will achieve accurate results and also save a lot of time.





Training Location

Our courses are conducted by an experienced, instructor. It can be done onsite anywhere in Africa if you have larger groups to be trained.

- See Contact Details Below

Course Topics

Introduction to Balancing:

- Causes of Unbalance
- Spectrum overview for balancing
- Balancing units.
- Field balancing instruments (Viber X5, X-Balancer, CX Balancer).
- Factors that influence field balancing.
- Balancing methods – Polar plot, Trigonometric and Instrument balancing.
- Understanding vibration and phase.

Hardware Installation:

- Installing the Vibration and speed sensor.
- Finding the correct radius and angle for the trial weight
- Dividing the rotor or fan into equal sections.

Calculations:

- Calculations for the trail weight mass and the position.
- Calculate balancing sensitivity.
- Trial weight placement position calculation.

Practical Field Balancing:

- Using the Polar plot for single plane balancing
- Using the Instrument for two plane balancing.

Examination: Theoretical and Practical Test - 80% Pass Mark for Certification.

Contact Details

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