ROTALIGN ALIGNMENT TRAINING
1-DAY

- What is shaft alignment?
  - Definition explained
  - Why we perform alignment
  - Geometry and terminology
- Dimensions
  - Importance of running speed
  - Criticality of measurements
  - Coupling diameter explained
- Measurements
  - Centering of laser XY view
  - Proper rotation of the shaft
  - Colors explained
  - What affects readings and quality
  - Filtering
  - Repeatability
- Results
  - Foot Correction vs Coupling
  - V and H, 2D and 3D, rotate view
  - Tolerances ANSI Standards
  - Live move and averaging
- Soft Foot
  - Effects
  - Types
  - When it should be corrected
  - SF Check
  - SF Procedure
- Corrections
  - Proper torque on bolts
  - Shim replacement and /or cleaning
  - Correct tightening techniques
- Reporting
  - Saving the job
  - Customize reports
  - Export via usb or send via wifi

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1-DAY

- Issues that make alignment challenging explained
    - Difficult to turn shaft
    - Pipestrain
    - Softfoot
    - Background Vibration
    - Coupling Backlash
    - Ambient Light
    - Base Issues
- Checklist Review
    - Pre and Post Alignment checks
- Additional Features
    - Machine name, types, color
    - Coupling types
    - Targets and Thermal Growth
        - Given, calculated, and measured
    - Multiple Feet
    - Measurement Modes
        - When to use them
    - Sensor Selection
    - Measurement Table
    - Staic feet – bolt bound
    - Machine Train

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