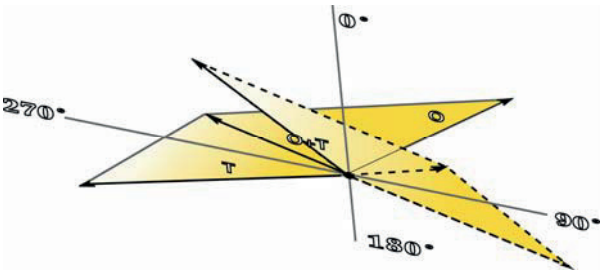
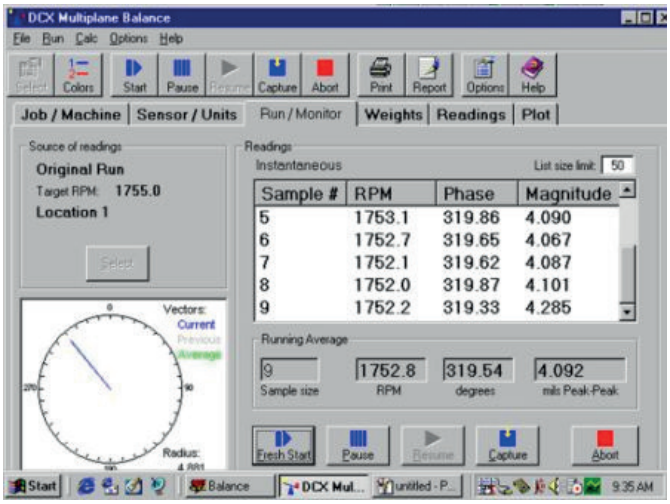
Balancing

Delta-3N Ltd.

Field Balancing of rotating machines





Imbalance is the most common cause of machine vibration. We offers dynamic balancingon the field to reduce vibration, prolong machine life and cut maintenance cost.

- Increase reilability
- Reduce maintenance costs
- Reduce machine vibration
- Reduce bearing load
- Increase bearing lifetime
- Eliminate the effects of temperature, pressure, distortion and other caused by imbalance
- Run your machines in better condition
- Triaxial vibration measurement
- Up to four planes balancing

The most common root cause of machine foults is imbalance of rotors. The vibration caused by imbalance can demage bearings, seals, foundation, etc. It will increase maintenance costs in a very short therm. Mechanical faults can be significantly reduced by dinamic field balancing.

Dynamic field balancing gives several advantages over laboratory balancing:

- It is usually cheeper because the machine does not need to be disassembled.
- All components of the machine are balanced together. In the laboratory, each rotating assembly is balanced separately and although the individual component balance is correct, the combined balance may not be satisfactory.
- Since field balancing is performed under normal operating conditions, the final results are not affected by subsequent machine assembly or loading.

We continues to investigate ways to achieve and maintain good machine balance with a minimal amount of corrective action. One to four plane balance problems are solved quickly in the field using the professional ALERT Multi-plane Balance™ software.

If your machinery installation suffers from excessive and persistent vibrations that resist standard repair procedures, complex imbalance may be the problem. Our dynamic balancing services can help you restore your machine to smooth operation.

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