

Get Your Assets in Gear!



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OL2R Dynamic Alignment Measurements

OL2R Measurement on a Steam Turbine Driven Blower at a Steel Mill in the Midwest.

Actual Alignment changes were completely different than the OEM recommended targets.

OL2R or "off-line-to-running" measurements quickly and accurately measure the total change in machinery alignment that results from thermal changes, dynamic machine loading, pipe strain, rotor torque, speed, etc.



The result is an accurate set of Cold Alignment Targets that will allow the machine or machine train to operate at optimum alignment under normal operating conditions.

These measurements can typically be carried out in under one day. Additional time may be required to properly align the machines following the data collection.

OL2R or "off-line-to-running" is a non-intrusive, safe and economical way to get the proper cold alignment targets for your machinery.

OL2R Measurement on a Solar Gas-Turbine Driven Crude Oil Pump (See Below).

**OEM Target: Engine Low by 25 mils (Vertical Offset)
Coupling open at the bottom by 0.8 mils/1"**

**Two Identical Machines were measured.
Actual changes were as follows:**

Unit 1: Vertical Offset: -35 mils,



Vertical Angle: +0.4 mils/1"

**Unit 2: Vertical Offset: -45 mils
Vertical Angle: +0.3 mils/1"**

"Identical Machines" do not exhibit "Identical" thermal growth characteristics

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***Offices in the Greater Charlotte, NC and
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