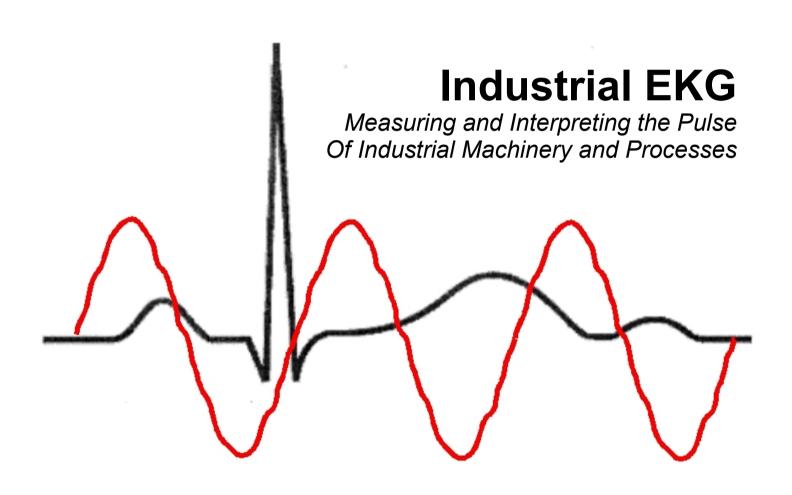
A Virtual On-Site Demo



What We Do

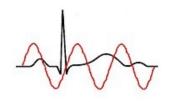


We help you reduce energy and operating costs by using EKGs to monitor the health of industrial equipment instead of people, like industrial cardiologists.

Our uniqueness:

- we don't need sensors on the monitored machines, no cables to install;
- an experience database of over 10 million motors to compare your equipment against;
- multiple monitors in one product energy efficiency & consumption, power line condition, electrical and mechanical motor condition; and mechanical condition of driven equipment;
- we <u>directly</u> measure how even mechanical faults like unbalance, misalignment,and loose connections waste energy dollars, making ROI calculation fast, easy, clear and unambiguous.

The Test Site

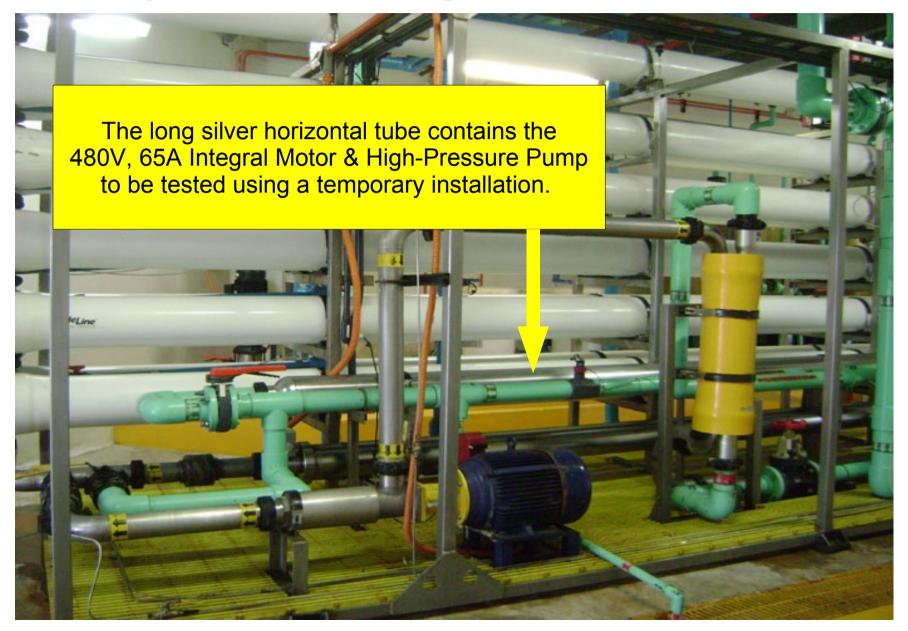




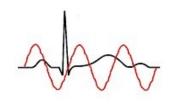
Reverse Osmosis Water Purification System 700-room Resort Hotel



The System Being Tested

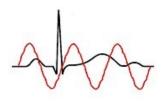


The Equipment Room





The IEKG Demo Kit







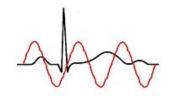
A Current Transformer

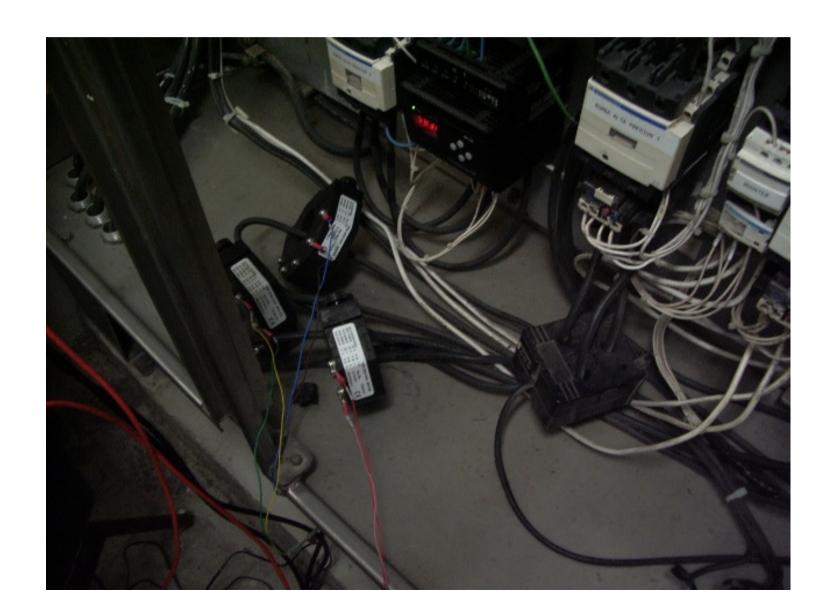
444

Split-core to facilitate quick and easy temporary installation.



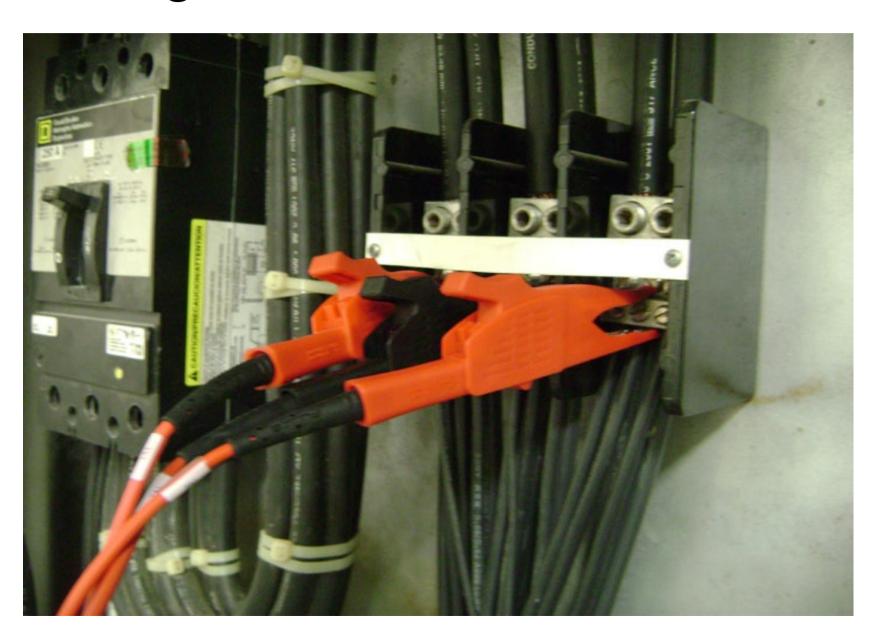
3 CTs Installed on Motor Leads



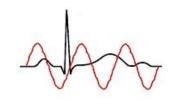


444

3 Voltage Connections



Notice:

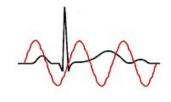




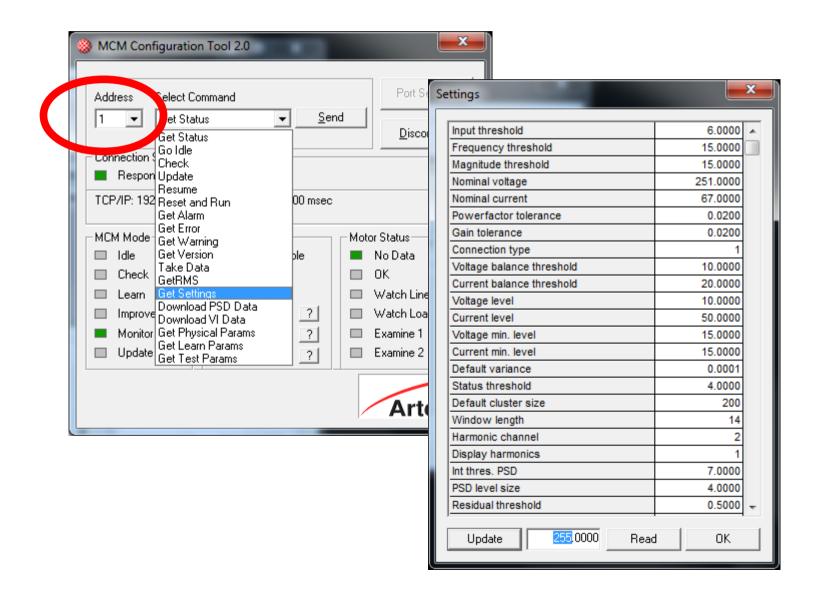
444

5 Minutes of Setup...



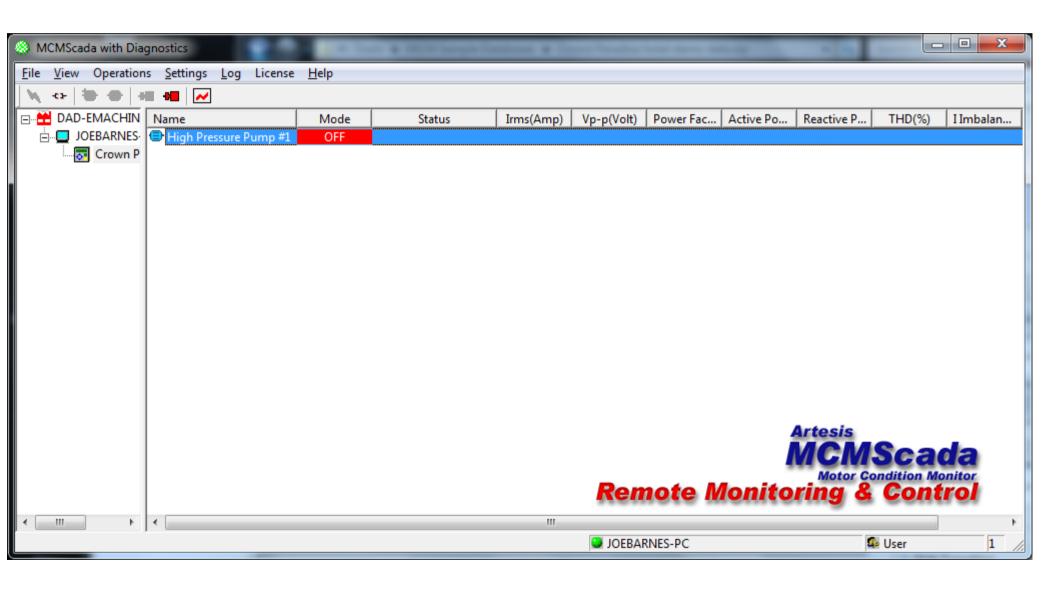


...Confirm Nameplate Data...





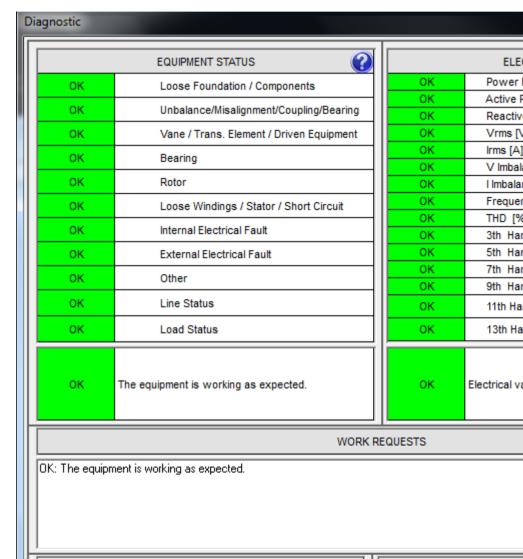
Wait for Initial Learn Period...



... Initial Diagnosis: OK.

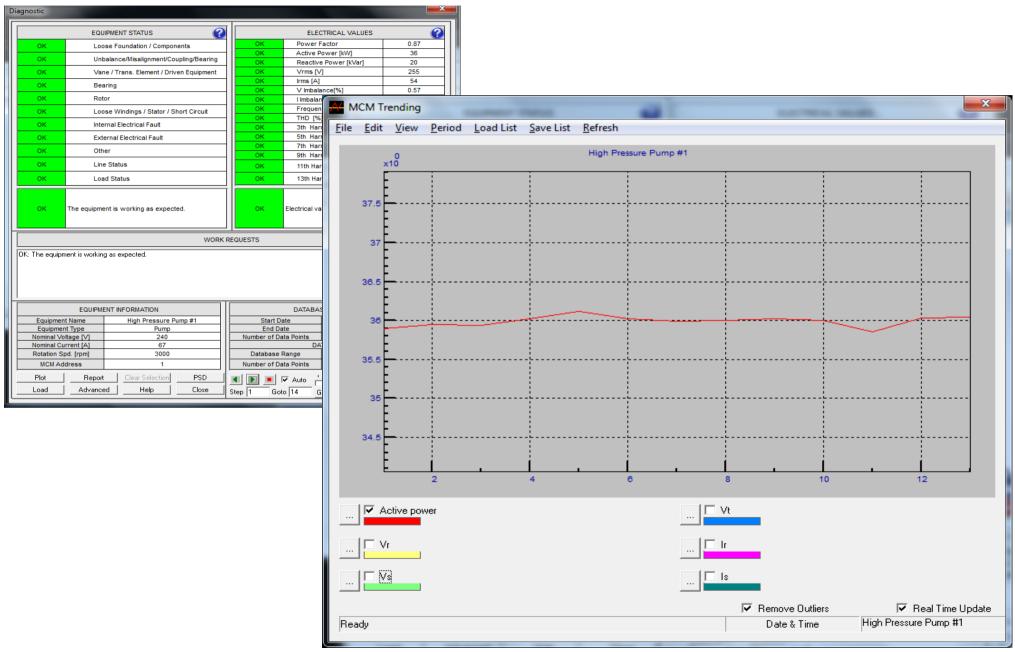
AAA

- Power Line Supply OK
- Electrical OK
- Motor Mechanical OK
- Pump Mechanical OK



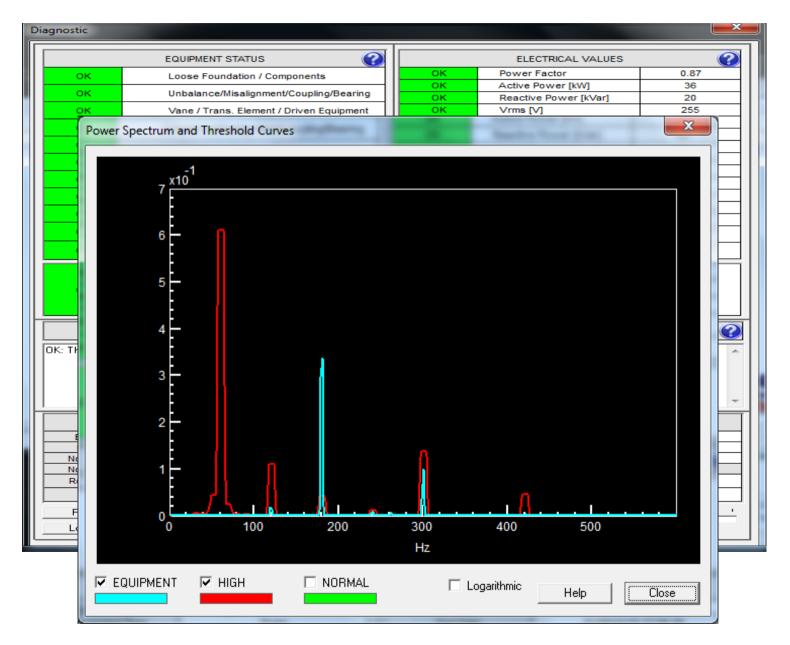


Review some details...

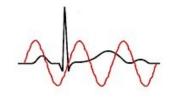


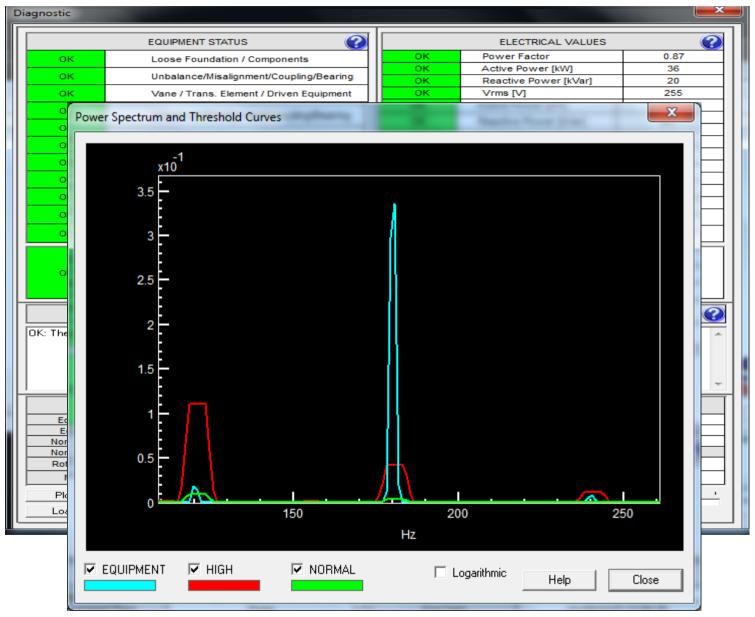


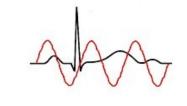
...More Details...









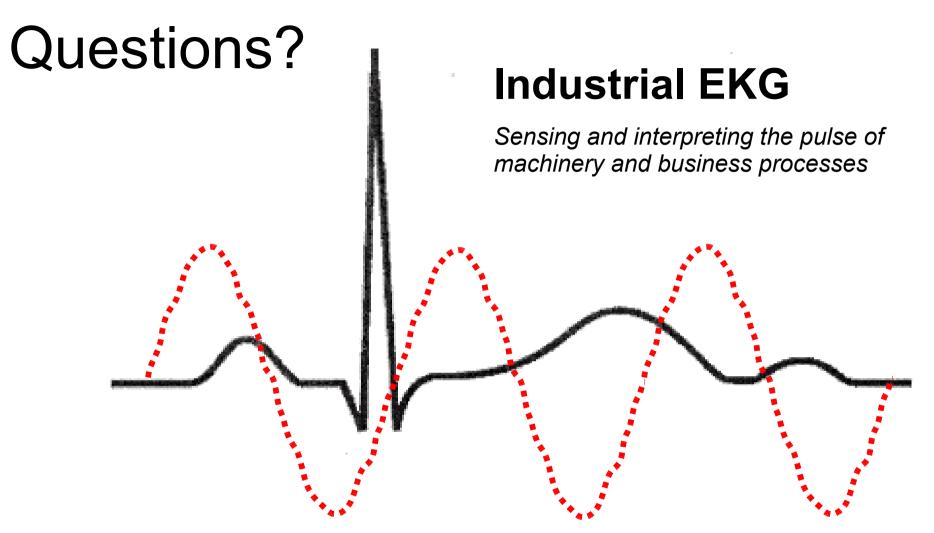


...but not a problem.

This motor has been doing nearly continuous duty for many years and is just beginning to show very slight winding degradation.

The levels are fine and there's no reason to take any further action.

After monitoring this motor for a few days, a more detailed assessment would be available. But this quick check indicates all is OK.



info@industrialekg.com



