



Vibration Analysis & Reporting in Dubai and Singapore

Prevent unplanned downtime, recurring problems / failures , set repair priorities and manage your resources by carrying out vibration testing. We offer vibration analysis using the latest Fluke 810 vibration tester. With this equipment we are able to locate and diagnose common mechanical problems and prioritise repair actions with no prior machine/equipment history.

Evaluating mechanical equipment typically requires comparing its condition over time to a previously established baseline condition. Vibration analysers used in condition-based monitoring or predictive maintenance programs rely upon these baseline conditions to evaluate machine condition and estimate remaining operating life.

In contrast, our vibration equipment analyses the current machinery condition and identifies faults by comparing the vibration data to an extensive set of rules . Our vibration analysis tools will determine fault severity using a unique technology to simulate a fault-free condition and establish a baseline for instant comparison to gathered data. This means that every measurement taken is compared to a "like new" machine.

Our reports are can be customised to your requirements and an infra-red image can be added should you wish to combine a vibration analysis with a thermographic survey.

Diagnostic specifications

Standard faults	:	Unbalance, looseness, misalignment and bearing failures
Analysis for	:	Motors, fans, blowers, belts and chain drives, gearboxes, couplings, centrifugal pumps, piston pumps, sliding vane pumps, propeller pumps, screw pumps, rotary thread/gear/lobe pumps, piston compressors, centrifugal compressors, screw compressors, closed coupled machines, spindles
Machine rotational speed range	:	200 rpm to 12000 rpm
Diagnosis details	:	Plain-text diagnosis, fault severity (slight, moderate, serious, extreme), repair details, cited peaks, spectra

OCEAN AUTOMATION SOLUTIONS are able to carry out vibration analysis and thermographic survey of your equipment as a combined predictive maintenance package. Our engineers based in Dubai, United Arab Emirates and Jurong, Singapore are contactable 24 hours per day and able to mobilise at very short notice.



OCEAN AUTOMATION SOLUTIONS LLC

No. 057 Arenco Compound, Road No.8,
Al Quoz Industrial Area No. 1,
Dubai, United Arab Emirates
Phone: +971 (0) 4 323 6610
Fax: +971 (0) 4 323 6615
E-mail: info@ocean-automation.com
Web: <http://www.ocean-automation.com>

