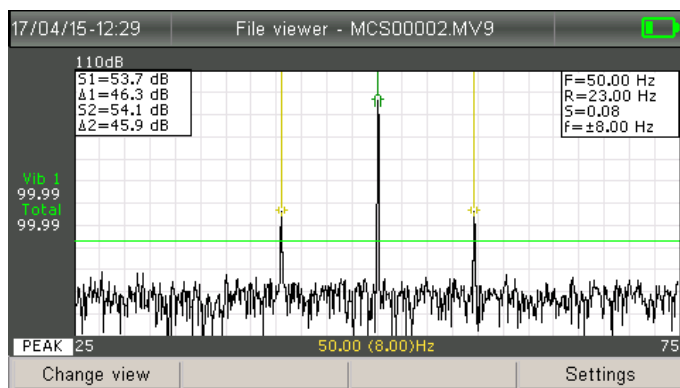


Motor Current Signature Analysis

Vibrotech Trainers & Consultants Pvt. Ltd, Chennai have been providing cost effective solutions in the field of Predictive Maintenance through **Motor Current Signature Analysis (MCSA)** apart from **Vibration Analysis, Diagnostic Studies, In Situ Balancing, Laser Alignment & Thermography.**

Motor Current Signature Analysis (MCSA) is a scientific approach to identify electrical & mechanical defects that lead to failures of induction motors. MCSA basically plots Current Vs Frequency FFT Spectrums. By analyzing the frequency, defects in Motor can be identified.



Current probe can also measure speeds or do analysis without needing to stand close to or come in contact with moving machine parts.

Defects identified..

- Broken Rotor Bars**
- Air Gap Eccentricity**
- Rotor Asymmetry**
- Shorted turns in stator windings**
- Bearing faults & other mechanical defects.**



Vibrotech MCSA Services:

Our Engineering Service Division with specially Trained & experienced Engineers, who are working under the guidance of specialized Expert Committee, have served the Indian Industries with proven results in predictive maintenance services.

With these expertises, our service division is breaking the barriers in solving all types of Machinery problems.

VIBROTECH TRAINERS & CONSULTANTS PVT LTD.,

B2B, BBCL Sukhin, H29 & 30 South Avenue, Kamaraj Nagar, Thiruvannamiyur, Chennai -600 041, INDIA

Phone: 044 - 24486363 / 64, Fax: +91 - 44 - 24486364, Mobile : +91 94440 43414

Email: vibrotech@gmail.com, vibrotechchennai@yahoo.com , Web Site : www.vibrationconsultancy.com, www.vibrotechchennai.com

Indian Representative:

Vibration Institute - USA (for ISO CAT I, II & III Vibration Analyst Course & Certification)

VMI International AB - SWEDEN (Instruments measuring Rotating & Reciprocating Machine Vibration)

Vibraquipa S.L.U. - SPAIN (Instruments measuring Ground, Building & Structure Vibration)