

Vibration Analysis

Thermal Imagery

Fan Balancing

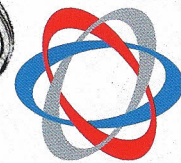
Bearing Analysis

CONDITION MONITORING

PREDICTIVE MAINTENANCE SERVICES

Precision Alignment

Electric Motor Monitoring



HME

Holt & Martin Ltd.

OPTIMISING PLANT PERFORMANCE

CONDITION MONITORING

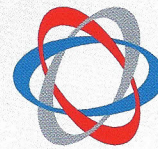
PREDICTIVE MAINTENANCE SERVICES

BEARING MONITORING

Shock Pulse Condition Monitoring.

We use the most advanced SPM Instruments Shock Pulse Monitoring equipment – the LEONOVA DIAMOND, for all predictive maintenance analysis.

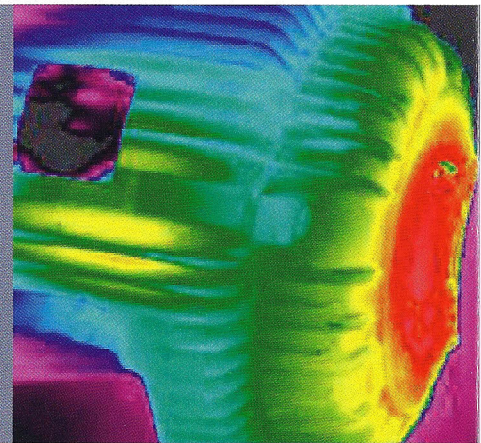
HME Holt & Martin can offer you this pre-emptive service using Shock Pulse Monitoring and Vibration Analysis that will identify bearing defects early, providing you with major benefits and saving in downtime.



HME

Holt & Martin Ltd.

EARLY INDICATIONS OF IMPENDING PROBLEMS THAT ARE DEVELOPING IN ROTATING MACHINERY ARE VITAL IN MAXIMISING THE LIFE AND EFFECTIVENESS OF ALL KEY EQUIPMENT. ACCURATE CONDITION INFORMATION IS A PREREQUISITE FOR MAKING INFORMED DECISIONS FOR COST EFFECTIVE, PLANNED MAINTENANCE.



ELECTRIC MOTOR MONITORING

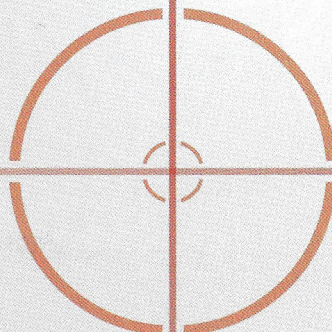
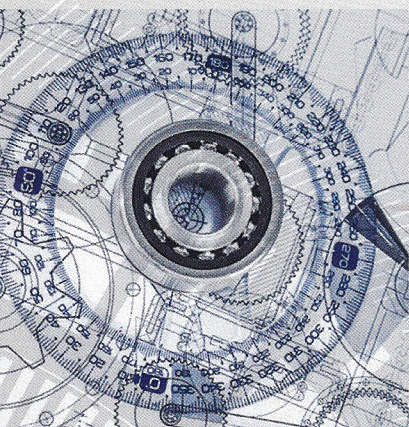
With our SKF BAKER SURGE TESTER we can test motor winding up to 12000v. This will enable us to determine whether there is a fault in the windings, or if the problem is elsewhere. The equipment is portable and can be used on-site.

PRECISION LASER ALIGNMENT

Machinery operating in perfect alignment runs at its optimum efficiency.

Misaligned shafts cause plant breakdowns, loads are increased and extra forces are placed on motors, bearings, seals, couplings and other internal components.

Using Pruftechnik ULTRALIGN® we give you the certainty that you have perfect alignment.

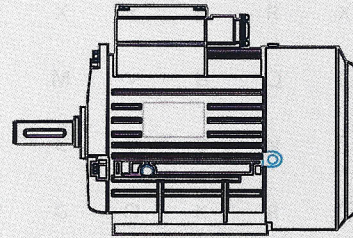


OPTIMISING PLANT PERFORMANCE

THERMAL IMAGERY

We use the FLIR E8 latest technology Thermal Imaging Camera.

This safe, nonintrusive, efficient technique pinpoints faulty and overheating components in mechanical equipment by capturing heat generated images.



HOLT & MARTIN

OPTIMISING PLANT PERFORMANCE



VIBRATION ANALYSIS

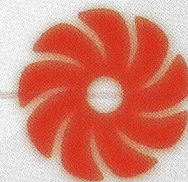
A predictive maintenance method that allows early detection of developing problems in rotating machines.

We will identify component faults, defective bearings and misaligned shafts before failure brings your plant to a halt.

FAN BALANCING

By removing excessive vibration and the accompanying high noise levels, we will increase the life of the bearings and other structural components.

The life of the fan is extended, noise is reduced and early failure prevented.



contact us on **0161 797 7782**

OPTIMISING PRODUCTIVITY IN VITAL PLANT

- The shock pulse method is recognised as the best predictive maintenance method for measuring the condition of bearings and evaluating the signals from the rolling elements.
- We can detect deterioration and incipient failures with remarkable accuracy and give you exceptional prewarning times.
- Measured results show crystal clear picture detail of the bearing condition. Razor sharp spectrums and time signals bring root cause analysis to a new level of understanding.
- Bearing lubrication is perfectly optimised prolonging bearing life.
- SPM HD in its unprecedented ability to measure in a range from 1 - 20,000 RPM.



HME

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100 Gigg Lane

Bury

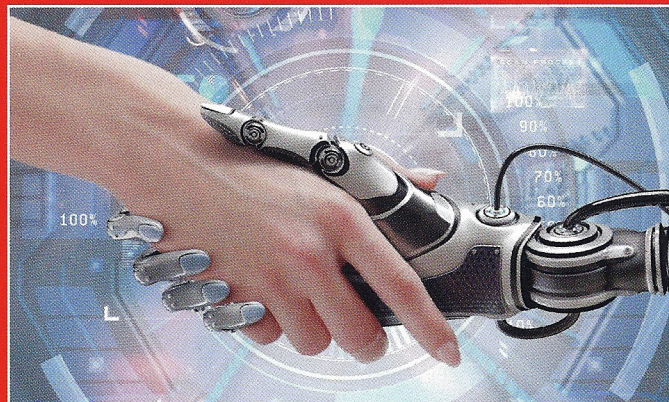
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THESE ARE YOUR KEY BENEFITS:

- Maximised productivity.
- Reduced likelihood of secondary damage.
- Minimised production loss.
- Reduced stock holding and capital costs.

