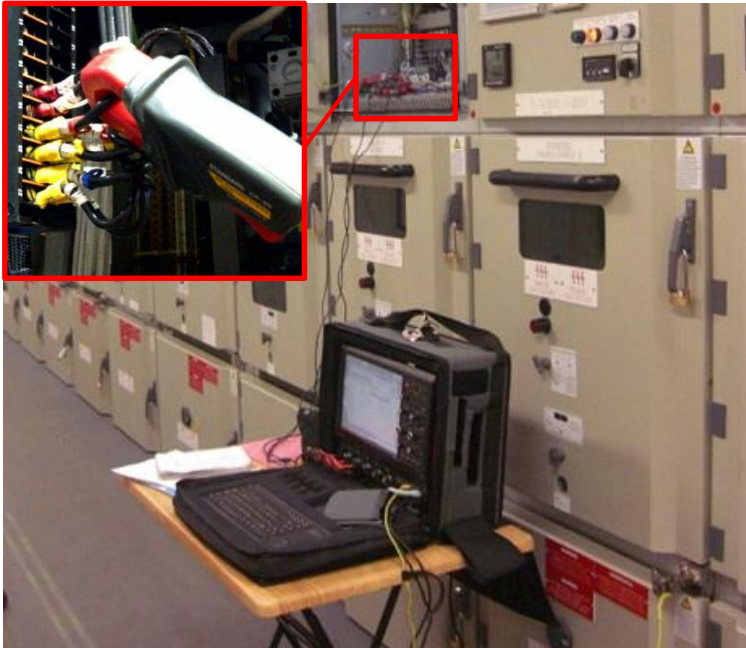


NEW Motor Current Signature Analysis Service



MCSA is a non-intrusive, on-line test technique, used to assess the rotor condition of motors by analysing the frequency content of the current.

MCSA can be used in conjunction with on-line partial discharge (OLPD) testing; for the preventative maintenance and diagnosis of problems in induction motors. Through periodic testing it is possible to track and trend a machines mechanical performance, pre-empting faults and unplanned outages.



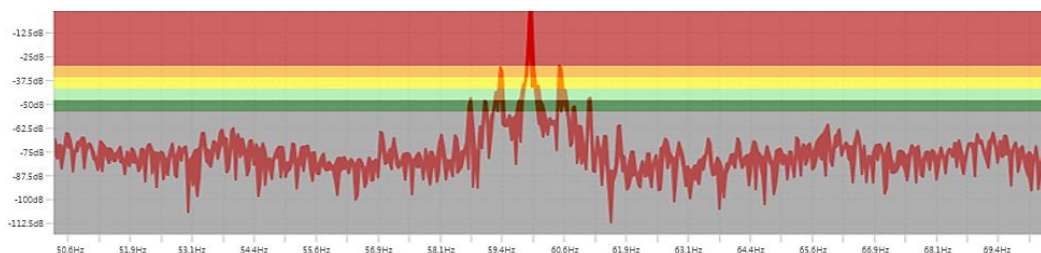
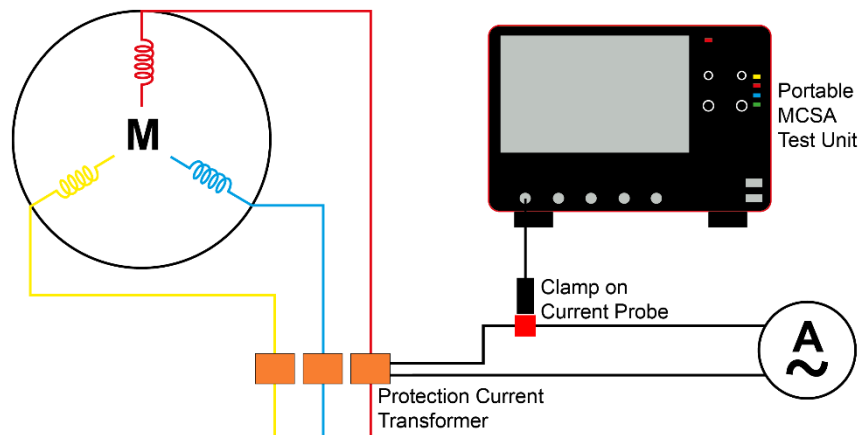
Features and Benefits

- Non-intrusive testing by analysing the frequency content of the 50/60 Hz current wave form through the motor
- Can provide savings by preventing in service failure of the motor
- Detects electrical problems with the rotor
- Complements OLPD testing

What Can MCSA Detect

- Broken Rotor Bars
- Dynamic Eccentricity
- Static Eccentricity

MCSA Testing



50Hz Centre Frequency and Associated Sidebands Recorded On-line on an MV Motor