

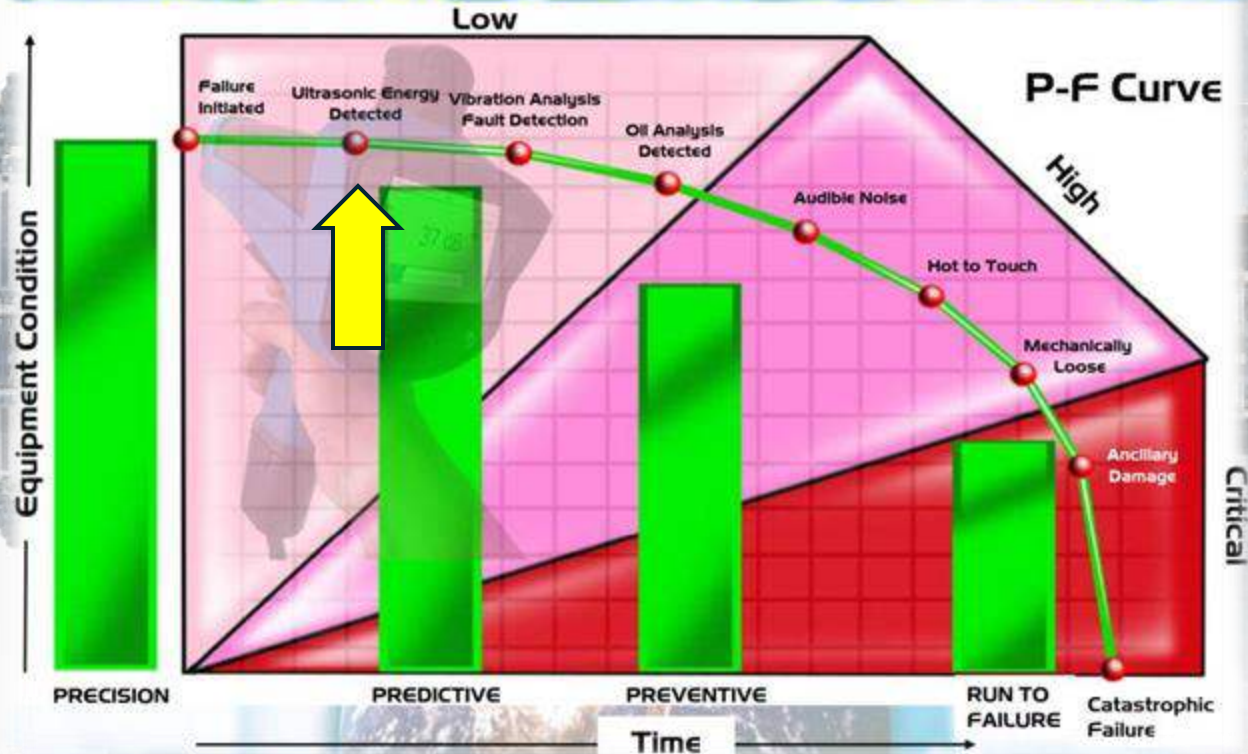
INDUSTRIAL ULTRASOUND FOR OPTIMISED ASSET RELIABILITY



"Driving Cost Out Of Your Business"

FROM INCEPTION, INFRASTRUCTURE IS SUBJECT TO MANY INFLUENCES OVER TIME

P-F CURVE IDENTIFYING A DEFECT EARLY



"Driving Cost Out Of Your Business"

INFRASTRUCTURE – FIVE PRIMARY APPLICATIONS OF INDUSTRIAL ULTRASOUND INSTRUMENTS

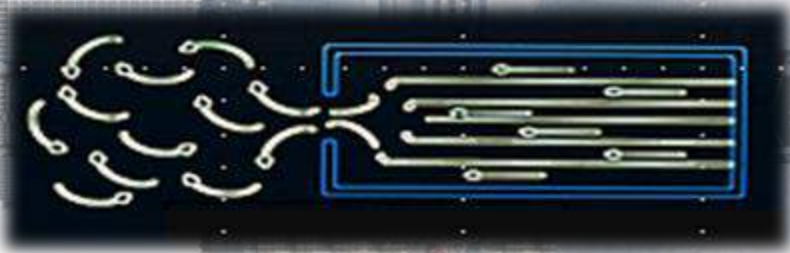
- **BEARINGS** – BEARING INTEGRITY & LUBRICATION OPTIMISATION
- **VALVES** – PNEUMATIC HYDRAULIC VALVE FUNCTIONAL INTEGRITY
- **STEAM TRAP** – INTEGRITY & ENERGY LOSS TESTING
- **PRESSURE / VACUUM** – LEAK DETECTION & ENERGY LOSS
- **ELECTRICAL** – CORONA TRACKING ARCING - SAFETY

DEVELOPING FAULTS CREATE ULTRASOUND EMISSIONS

ALL FIVE KEY APPLICATIONS HAVE CHARACTERISTIC FAILURE MODES
RESULTING IN ULTRASOUND EMISSIONS.

AIRBORNE EMISSIONS

EASILY DETECTABLE



Turbulence

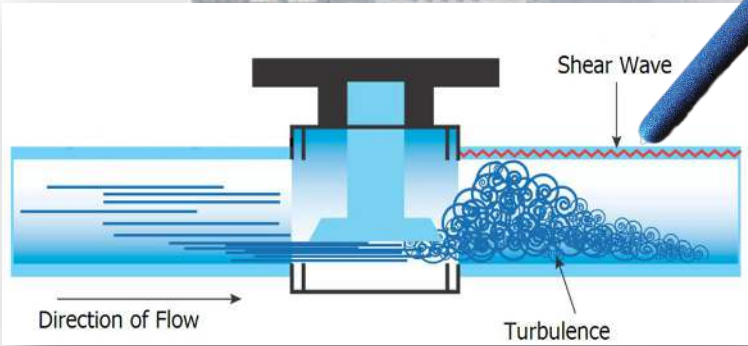


"Driving Cost Out Of Your Business"

DEVELOPING FAULTS CREATE ULTRASOUND EMISSIONS

STRUCTURE-BORNE ULTRASOUND EMISSIONS.

EASILY DETECTABLE



"Driving Cost Out Of Your Business"

ULTRAPROBE PRINCIPAL OF OPERATION

THE ULTRAPROBE CAN DETECT ULTRASOUND EMISSIONS WELL ABOVE OUR HEARING RANGE, THESE EMISSIONS ARE CREATED BY DEVELOPING SYSTEM FAULTS, THE ULTRAPROBE CONVERTS THESE EMISSIONS TO AN AUDIBLE SOUND THAT WE CAN HEAR THROUGH A SET OF HEADPHONES.



LIKE TO KNOW MORE?

COME VISIT ULTRA-TEK ON STAND 90

