

Failure Prevention Associates is comprised of staff certified in Vibration Analysis, Thermographics, Ultrasound Inspection, Electric Motor Testing, Field Balancing, Laser Alignment and Reliability Centered Maintenance Practice.

Our staff have the on the ground experience combined with their certifications that allow them to rapidly analysis and discover condition based problems.

We have also developed unique training programs based on our experience training and implementing a large number and variety of Reliability Centered maintenance programs so that the technicians we train get hands-on experience and practice with all of their tools and with discovering and repairing failure conditions.

Our certified experts also have the experience to work with your administrators and executives to implement your full programs.

Whether you are looking to optimize your maintenance to save money and increase efficiency, train your staff or implement a full program, our experts can deliver what you need to maximize your uptime and eliminate downtime, leading to better profits and keeping your business in the black.

Around the clock, around the world, we come to you.

OVERVIEW OF CONDITION MONITORING

Karl Hoffower is the Founder of Failure Prevention Associates. He has assisted creating and implementing condition monitoring programs around the country for the past 7 years. The U.S. Navy, Army Corps of Engineers and NASA. As well as power plants, pulp & paper mills, petrochemical plants and many others. Karl is certified in vibration analysis, thermal imaging and ultrasound detection.

VIBRATION ANALYSIS

Jack Staudt has been a vibration analyst for over 36 years. He started his career in maintenance working as a millwright in numerous refineries and petrochemical sites around Houston, TX. Jack holds a category 3 certification through the Vibration Institute as well as certifications in field balancing, ultrasonics, thermal imaging and laser shaft alignment. He has established condition monitoring programs at paper mills, power plants, plastic plants, refineries, and other industrial manufacturing facilities around the world (Diego Garcia, Egypt, Kuwait Saudi Arabia, Germany, Holland, St. Lucia, Canada & the Gulf of Mexico,. Jack is the founder and principal consultant at Condition Monitoring Solutions, Inc, better known as TheVibrationGuys.Com which performs vibration analysis for 18 plants around the country.

ULTRASOUND DETECTION

Paul Klimuc has been involved in Ultrasound for over 26 years. Early in his career he spent thirteen years as a NDT technician, where he was Level 2 certified from ASNT (American Society for Non

Destructive Testing) in Radiography, Magnetic Particle Inspection, Dye Penetrate Inspection, Visual Inspection, Ultrasonic Thickness Testing and Ultrasonic Flaw detection. In 1994, he became a Regional Sales manager for UE Systems, covering the north eastern United States. In 2002 he accepted a position with SDT North America, where he is currently the sales manager for the United States and the Pacific Rim Countries.

THERMAL IMAGING

Karl Hoffower

ELECTRIC MOTOR TESTING

David McGuire began working in maintenance and electrical condition monitoring 26 years ago. David started his career while serving in the U.S. Navy as an avionics technician. He has been a regional account manager for the PdMA electrical motor testing corporation since 2003. At PdMA he assists client in understanding how to trouble shoot electric motors by evaluating the major electric motor fault zones: stator, rotor, insulation, air gap, power circuit and power quality.

LASER ALIGNMENT

Alex Nino

OIL ANALYSIS

TBD