

Magnetic Particle and Liquid Penetrant Inspection

Menges Roller Company is offering in-house testing and certification through Magnetic Particle and Liquid Penetrant Inspecting. These methods of inspection root out potential journal failures before they happen, allowing replacement and repair in a preventative, scheduled maintenance situation rather than the

catastrophic failure that always involves expensive, unplanned downtime and damage to peripheral equipment, and can involve serious operator safety implications.

Most journals, shafts and welds look fine to even the trained Mechanical or Maintenance Engineer, but can exhibit microscopic cracks caused by mechanical stresses the roll is subjected to, either ordinary or extraordinary. Magnetic Particle and Liquid Penetrant Inspection under a magnetic field allows our highly-trained technicians to clearly determine that stresses have caused microscopic cracks that will lead to failure! We share our findings with your personnel and recommend the correct course of replacement or repair.

Magnetic Particle and Liquid Penetrant Inspection offers you a high percentage of insurance and peace of mind that

your journals and shafts will give you the years of service you expect, with the productivity, up time and high output you demand! Your rollers are critical to maintaining efficient operation- why wait for them to fail and disrupt your production schedule? Menges Roller is offering this inspection service to you at low cost, giving you the opportunity to prevent the kind of failure that always seems to happen at the worst possible time! Correct mechanical faults before they happen and keep control of costs and down time.



Used in a broad spectrum of industries, including Aerospace, Defense, Food, Automotive and Power Generation.



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