

Magnetic Particle Process Guide



Six Tips for Magnetic Particle Testing

1. Check required specifications before beginning magnetic particle inspection.

2. Certifications, SDS, PDS, and instructions are available at www.magnaflux.com

3. Verify that parts to be magnetic particle tested are clean and dry before applying magnetic particles.

4. The settling volume of magnetic particle baths should be tested anytime the bath is started up, changed out, adjusted (particles or carrier added), and at least once per shift.

5. Using a tool steel ring, QQI, or other known defect standard is recommended to confirm proper equipment and material performance.

6. Demagnetization can also be performed by using a yoke in AC mode by energizing it, then removing it from the part while energized.

