



# ACFM Inspection Services

[www.WestechInspection.com](http://www.WestechInspection.com)

**Westech Inspection, Inc. Provides ACFM Inspection Services for Reliable detection and sizing of surface cracks without removing coatings. ACFM can also be substituted for Magnetic Particle or Penetrant Inspection on ferrous and non-ferrous materials.**



## ACFM Crack Detection

- Alternating Current Field Measurement (ACFM)
- An eddy current / electromagnetic technique
- Electromagnetically inducing a uniform electric current on the surface of the material under inspection
- Measuring two perpendicular components of the magnetic fields associated with the electric current to detect and size surface-breaking cracks (**Length and Depth**)



## Advantages Over WFMT:

- Reduced cleaning requirements with no need to clean to bare metal
- Detection and sizing of surface-breaking cracks in ferritic or austenitic steel or in transition welds between the two
- Rapid scanning using a hand-held probe
- Computerized Reporting and data collection for review
- Inspection through 0.15" thick coating



**Call Us! We Can Help With Any Inspection Needs You May Have.**

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