

# **THEORY AND APPLICATION OF ELECTROMATIC INSPECTION EQUIPMENT**

**Presented by**

**Magnetic Analysis Corporation of Mount Vernon, New**

**Co-Sponsored by**

**ASNT – Metropolitan New York – Northern New Jersey**

**September 20, 2004 thru September 24, 2004**

**(40 hours)**

**Location**

**Magnetic Analysis Corporate Headquarters**

**535 South 4<sup>th</sup> Avenue**

**Mount Vernon, New York 10550**

**The course will provide background and understanding of fundamental principles of electromagnetic inspection. It will familiarize students with general types of electromagnetic test systems, their relative advantages and shortcomings. In addition, the course will illustrate and explain the application of electromagnetic test systems to meet modern inspection requirements and normal industrial or government specifications.**

**This course outline has been drawn to conform to the requirements of the ASNT Recommended Practice ASNT-TC-1A for both Level I and Level II.**

**Cost**

**\$800 per Student plus \$75 for 2 textbooks retained by the student**

**Tuition for students who are employed by a customer of Magnetic Analysis Corp. or are a lessee will be discounted \$100.**

**Lunch is included each day.**

**Class size is limited to twelve students per session.**

**All living and travel expenses must be paid by the student and are not included in the tuition. MAC will make suitable living accommodations and assist with transportation arrangements upon request.**

**For further information or to apply contact:**

**David Bauer, Manager – Field Services**

**Magnetic Analysis Corporation**

**800-4NDT MAC (800-463-8622)**