



Course Outline

Magnetic Particle Testing Level I & II

Duration: 4 Days (32 Hours)

This course covers the principles of Magnetic Particle Testing and prepares a candidate to

- Setup and calibrate equipment
- Interpret and Evaluate Results with respect to Applicable Codes, Standards and Specifications
- Familiar with the scope and limitations of the Methods
- Write test reports.

The following outlines the material to be discussed:

- Manufacturing discontinuities
- Theory of magnetism
- Methods of magnetization
- Equipment
- Mediums and their preparation
- Applications
- Types of indications
- Codes and standards (specific training)
- Practical training
- Examinations
 - General
 - Specific
 - Practical

Candidates must score a minimum of 70 % in each individual test and a minimum average of 80% in all three tests.