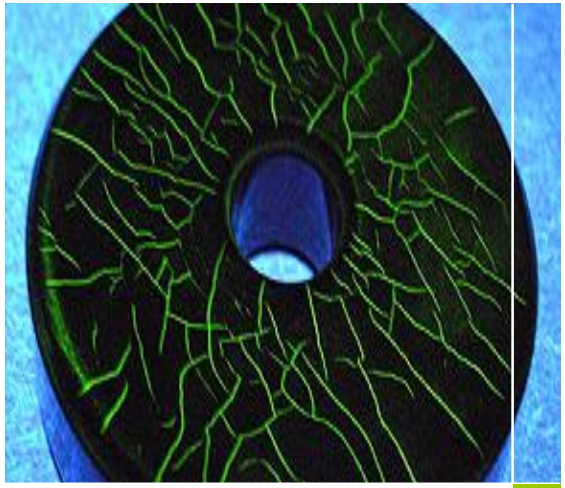

Course Features

Upon completion the attendee will be able to:

- Understand the basic principles of the Testing and Inspection Process.
- Be familiar with the basic procedures involved with the test method.
- Understand the advantages and disadvantages of the test method.
- Decide on the necessary items and products required to complete the job.
- Understand and recognize the typical discontinuities, flaws or irregularities.
- Be prepared to interpret results

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NON-DESTRUCTIVE TRAINING SERVICES

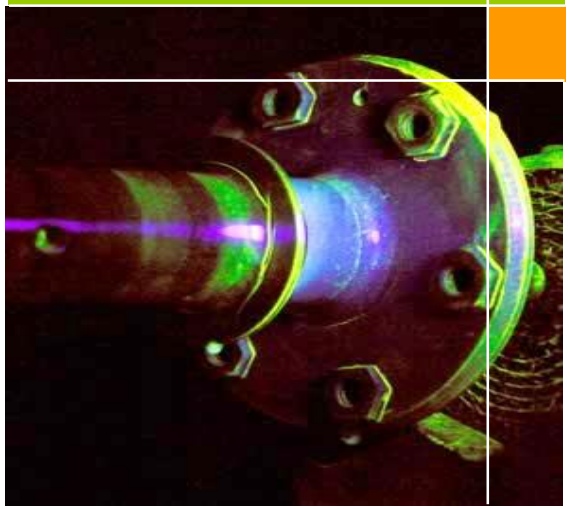
Course Outlines

MAGNETIC PARTICLE

- History and limitations of magnetic particle inspection in ferrous parts
- AC/DC current
- Magnetic fields through part and central conductor, defect orientation
- Methods of magnetization
- Residual and continuous application of Particles
- Demagnetization
- Test Bars/Equipment

LIQUID PENETRANT INSPECTION

- Locating surface defects in non-porous metal and non-metal components
- Advantages and limitations of liquid penetrant inspection
- Before and after operations that can cause imperfections
- Specifications and considerations
- Components and properties of penetrant
- Removal methods
- Developer applications
- Pre-cleaning methods



"Acquire an education from an experienced instructor."

- With our 42 years of experience and staffed by a former Magnaflux engineer

BACK TO BASICS

Magnetic Particle and

Liquid Penetrant Inspection

These courses require no prior training or experience by the attendee in this method of NDT.

The course objective is to familiarize the attendee with the basics of Magnetic and Liquid Penetrant Inspection. The course content is delivered in such a way to promote understanding and the ability to perform Magnetic Particle and Liquid Penetrant Testing.

Contact Us

For further information or course scheduling

Contact: Brett Kendall

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