

TRINITY NDT WELDSOLUTIONS PVT. LTD.

Aerospace and Advanced NDT | Centre of Excellence in Welding | Training

NDT Training Outline

Magnetic Particle Testing
Level I, II Courses

Brochure



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Magnetic Particle Testing Course Overview

The course is intended to provide detailed instruction in theory and practice such that the trainee shall be able to

- Identify suitability of MT for material and inspection procedure
- Develop inspection techniques and procedure that shall be followed
- Analyze, interpret and evaluate the magnetic particle test results



Training & Certification as per Written Practice Framed to Requirements of ASNT SNT TC 1A

Initial training & Experience

Training	Level I : 12 Hours	Level II: 08 Hours
Experience	Level I: 70 Hours	Level II: 210 Hours

Note: For Direct Level II, training and experience consists of the sum of the hours for Level I & 2

Course Contents Outline

MT Level I Class Room Training

1. Basic of Magnetism,
2. Magnetization Techniques,
3. Inspection Mediums,
4. Inspection Techniques,
5. Indication Classification,
6. Test Equipments and Accessories
7. Demagnetization,
8. Types of Discontinuities.

MT Level II Class Room Training

- Review of Level I Course
1. Selection of Techniques,
2. Codes, standards and Procedures
3. Acceptance Standards,
4. Manufacturing Process and Discontinuities,
5. Interpretation of Indications,
6. Preservation of Indications,
7. Evaluation of Test Equipment

MT Level I Practicals

Yokes, Prods, Headshot, Central Conductor, Coil Techniques, Using dry, wet ordinary and wet fluorescent powders, Demagnetisation

MT Level II Practicals

Same as Level-I + Interpretation, evaluation and recording of test results

For more information, Contact us

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