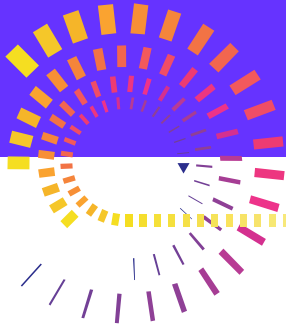


TRINITY INSTITUTE OF NDT TECHNOLOGY

Sharing expertise. Creating Professionals.



NDT TRAINING & CERTIFICATION COURSE - MAGNETIC PARTICLE TESTING



LEVEL I & II

16-Hours (2 days)

As per ASNT SNT-TC-1A - 2006 Recommended Qualification Hours for Initial Training and Experience		
Training	Level I: 12 hrs	Level II: 08 hrs
Experience	Level I: 70-hrs	Level II: 210-hrs

OVERVIEW

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

- a. Identify suitability of MT for material and inspection procedure.
- b. Develop inspection techniques and procedure that shall be followed
- c. Analyze, interpret and evaluate the test results.

COURSE CONTENTS

Level I course outline

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 1 Practical Training

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

Level II course outline

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 2 Practical Training

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

FOR MORE INFORMATION

Call: +91 99009 29439 / 98441 29439/080-28366466 or email: training@trinityndt.com

TRAINING COURSE SCHEDULES

Visit : www.trinityndt.com or www.materials-testing.blogspot.com

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