



RADIANT NDT SERVICES

ALL NDT EQUIPMENT CALIBRATION & NDT CONSULTANCY

50, Rishi Arobinda Sarani, Near NIOH, Opposite ISI, Kolkata-700 090, West Bengal, India.

Contact No. +91-33-28731762, +91-9836620244, Email: radiantndtgroup@gmail.com

Your Clients can VERIFICATION our NDT Certificate through our website

SHARING EXPERTISE CREATING PROFESSIONAL

NDT TRAINING & CERTIFICATION COURSE

MAGNETIC PARTICLE TESTING

LEVEL I & LEVEL II

AS PER SNT TC 1A 2016 PERSONNEL QUALIFICATION & CERTIFICATION IN NDT		
TRAINING	LEVEL-I 12 Hours	LEVEL-II 08 Hours
EXPERIENCE	LEVEL-I 70 Hours	LEVEL-II 210 Hours

OVERVIEW:

The course is intended to provide through knowledge in the principles of Magnetic Particle Testing and Fundamentals of materials and processes such that the trainee would be able to identify suitability for the material and inspection techniques, developing techniques and procedures analyze the test results and documentation the same and be familiar with Codes, Standards and Specifications.

Theories of Magnetic Particle Testing:

COURSE CONTENTS:

LEVEL-I

1. Properties of Magnetic Domain,
2. Generation of Flux
3. Interaction of flux with matter.
4. Hysteresis Loop B Vs Amp
5. Inspection Techniques.
6. Current Used
7. Particles Used
8. Light Used
9. Test variables
10. Inspection procedures
11. Discontinuity types

Practical for Level-I

Current used AC/HWRAC/FWRAC/DC
Lifting Power & Field adequacy check
Various Technique used to Yoke, Prods
Visible & Fluorescent light used,
Nature of Indications, Surface or Sub-surface.

Review of Level-I Course +

LEVEL-II

1. Study of test variables
2. Selection Techniques
3. Selection Current
4. Selection Light
5. Codes, Standards & Procedures
6. Field Adequacy Check
7. Types of Discontinuities
8. Acceptance Standards
9. Lifting Power cheque
10. Evaluations
11. Reporting

Practical for Level-II

Same as level-I +
Interpretation & evaluation of
Indications type & nature.
Recording & Reporting results.

For More Information's:

Call :+91-9836620244 or email to radiantndtgroup@gmail.com

TRAINING COURSE SCHEDULES:

Visit our website: radiantndtservices.com