



RADIANT NDT SERVICES

ALL NDT EQUIPMENT CALIBRATION & NDT CONSULTANCY
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Your Clients can VERIFICATION our NDT Certificate through our website

SHARING EXPERTISE CREATING PROFESSIONAL

NDT TRAINING & CERTIFICATION COURSE

EDDY CURRENT TESTING

LEVEL I & LEVEL II

AS PER SNT TC 1A 2016 PERSONNEL QUALIFICATION & CERTIFICATION IN NDT		
TRAINING	LEVEL-I 40 Hours	LEVEL-II 40 Hours
EXPERIENCE	LEVEL-I 70 Hours	LEVEL-II 210 Hours

OVERVIEW:

The course is intended to provide through knowledge in the principles of Eddy Current 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 Eddy Current Testing:

COURSE CONTENTS:

LEVEL-I

1. Physics of Current, Induction & Inductance
Circuit & Phase, Depth & Density.
2. Instruments, Resonant Circuit, Bridges,
Impedance Plane, Display Analog Meter
3. Probes(Coils), Mode of Operation.
4. Reference Standards
5. Signal Filtering
6. Applications , Surface Breaking Cracks
7. Test variables
8. Techniques, Scanning,
9. Discontinuity types

LEVEL-II

1. Study of test variables
2. Selection Techniques
3. Selection Current
4. Selection Frequency
5. Codes, Standards & Procedures
6. Tube Inspection
7. Coating Thickness Measurement
8. Acceptance Standards
9. Pulsed ECT Technique
10. Evaluations
11. Reporting

Practical for Level-I

Current & Frequency used
Calibration, Impedance Plane Responses
Absolute Probes, Bobbin Coil,
Differential Probes, Reflection Probes used,
Nature of Indications, Surface or Sub-surface.

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