



KIT for Engineering Innovation Training Programs

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Course Title:	Magnetic Particle Testing (MT) Level II
Category:	Non-Destructive Testing (NDT)
Course Code:	KIT-103
Duration:	6 days
Certificate:	Accredited certificate (ASNT) Level II for 5 years
Exams:	General Exam: 40 Q Specific Exam: 20 Q Practical Exam: Shall passed for at least 2 specimens & reporting.

Course Topics

Day	Title
Day 1	<ul style="list-style-type: none"> - MT method Principles - Flux & Current - Magnets & Magnetism - MT procedure. - Flux Fields & MT techniques due to ASME codes
Day 2	<ul style="list-style-type: none"> - Longitudinal M.F Techniques (Yoke & Coil) - Circular M.F Techniques (Head shot, Central Conductor & Prod)
Day 3	<ul style="list-style-type: none"> - Relation between Current, media type & depth - Demagnetization Procedures
Day 4	<ul style="list-style-type: none"> - Codes & Standards
Day 5	<ul style="list-style-type: none"> - Practical Evaluation of welding & Base metal specimens by using MT techniques.
Day 6	<ul style="list-style-type: none"> - Theoretical exam