

รูปแบบการอบรม Hybrid Training
คอร์สเรียนออนไลน์ + Workshop ภาคปฏิบัติ

Magnetic Particle Testing Level I-II (24 hrs.)

Certification training course according to ASNT: SNT-TC-1A

Standard Topical Outlines for Qualification of NDT Personnel ANSI_ASNT- CP 105

Unit	Learning Methods
<p>Part A: General Theory (8 hrs.)</p> <ul style="list-style-type: none"> ❑ Principles <ul style="list-style-type: none"> Flux patterns Frequency and voltage factor Current calculations Surface flux strength ❑ Magnets and magnetism ❑ Flux Fields, Direct current, Direct pulsating current and Alternating current ❑ Effect of Discontinuities on Materials ❑ Type of Discontinuities <ul style="list-style-type: none"> Circular techniques Longitudinal technique ❑ Selecting the Proper Method of Magnetization ❑ Demagnetization Procedures ❑ Equipment <ul style="list-style-type: none"> Portable type, Stationary type, Automatic type, Multidirectional units, Liquids and powders, Ultraviolet radiation type and Light-sensitive instruments 	<p>คอร์สเรียนออนไลน์</p> <p>+</p> <p>ระบบพี่เลี้ยง</p> <p>สรุปสดผ่าน Zoom</p>
<p>Part B: Specific Theory (8 hrs.)</p> <ul style="list-style-type: none"> ❑ Use of standards – e.g. ASTM E1444, E709, ASME Sec. VIII ❑ Quality Control of Equipment and Processes <ul style="list-style-type: none"> Malfunctioning of equipment 	<p>คอร์สเรียนออนไลน์</p> <p>+</p> <p>ระบบพี่เลี้ยง</p> <p>สรุปสดผ่าน Zoom</p>
<p>Part C: Practical (8 hrs.)</p> <ul style="list-style-type: none"> ❑ Evaluation Techniques ❑ MT Equipment & Accessories ❑ Magnetic Practical Indication & Interpretation 	<p>Workshop</p> <p>ภาคปฏิบัติ</p>
<p>Examination (General, Specific, Practical) (4 hrs.)</p>	

Course Director and Professional Instructor Team:

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