

รูปแบบการอบรม Hybrid Training
คอร์สเรียนออนไลน์ + Workshop ภาคปฏิบัติ

Liquid Penetrant 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"> ❑ Principle of Liquid Penetrant Testing ❑ Selection of the Appropriate Penetrant Testing Method Advantages and Disadvantages of various methods ❑ Inspection and Evaluation of Indications, ❑ Discontinuities inherent in various materials, ❑ Effects of temperature and lighting (white to UV) ❑ Effects of metal smearing operations (shot Peening, machining, etc.) ❑ Part Preparation (precleaning, stripping, etc.) ❑ Factors affecting indications (Indications from cracks, porosity, specific material forms, Forgings, Casting, Plate, Welds and Extrusion) 	<p style="text-align: center;">คอร์สเรียนออนไลน์ + ระบบพี่เลี้ยง สรุปสดผ่าน Zoom</p>
<p>Part B: Specific Theory (8 hrs.)</p> <ul style="list-style-type: none"> ❑ Inspection Procedures and Standards ❑ Inspection procedures (minimum requirements) ❑ Standards/codes Applicable method/processes Acceptance criteria (ASTM, ASME, API and AWS) 	<p style="text-align: center;">คอร์สเรียนออนไลน์ + ระบบพี่เลี้ยง สรุปสดผ่าน Zoom</p>
<p>Part C: Practical (8 hrs.)</p> <ul style="list-style-type: none"> ❑ PT Equipment & Inspection ❑ Evaluation of Indications (True indications, False indications, Nonrelevant indications) ❑ Welding Defects Indications & Interpretation ❑ Recording and Reporting 	<p style="text-align: center;">Workshop ภาคปฏิบัติ</p>
<p>Examination (General, Specific, Practical) (4 hrs.)</p>	

Course Director and Professional Instructor Team:

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 Welding Inspector-CSWIP3.1, AWS-CWI