

รูปแบบการอบรม Hybrid Training
คอร์สเรียนออนไลน์ + Workshop ภาคปฏิบัติ

Pressure Vessel Design

Unit	Learning Methods
<p>Part: General and Technology</p> <ul style="list-style-type: none"> ❑ Introduction to Code and Standard. Definitions of Code & standard Introduction to ASME Boiler and Pressure vessel Code Overview of ASME U-Stamp Certification ❑ General Requirement for PV Design. Main Pressure Vessel Components Primary Process Functions of Pressure Vessel Scope of ASME Code Sec. VIII Structure of ASME Code Sec.VIII, Div. 1 General Code Requirement Design Criteria and Strength Theory of Division 1 ❑ Pressure Vessel Design Materials for Construction Corrosion Allowable Definition-Joint Categories and Joint Efficiency Design Rule, Design for Vessel Support Other Design Consideration ❑ Fabrication, Inspection and Testing Requirement Acceptable Welding Details Post weld Heat Treatment Requirement (PWHT) Inspection and NDE Requirement Hydrostatic Pressure Testing Stamping and Documentation Requirement (MDR) ❑ Computer Aided Pressure Vessel Design (CAPVD) Demonstrate CAPVD Program Introduction Finite Element Analysis (FEA) for Pressure vessel design 	<p>คอร์สเรียนออนไลน์</p> <p>+</p> <p>ระบบพี่เลี้ยง</p> <p>สรุปสดผ่าน Zoom</p>
<p>Part: Practical</p> <ul style="list-style-type: none"> ❑ Review Design Calculation Procedure ❑ Practical Hand Calculation compared to CODEWARE COMPRESS Results Open Discussion and Individual Problem Case Study & Workshop in a real factory 	<p>Workshop ภาคปฏิบัติ</p>
<p>Examination (General and Technology, Practical)</p>	

Course Director and Professional Instructor Team:

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ASNT NDT Level III (Cert. No. 179579)

International Welding Engineer (IWE, IIW)

Welding Inspector-CSWIP3.1, AWS-CWI