



สมาคมการเชื่อมโลหะและการตรวจสอบแห่งประเทศไทย

Seminar program

Welding Design & Welding Repair Procedure Specification
for

Materials Specification Low Alloy Steel Grade 91 (9Cr 1Mo V) Conform to ASME Boiler & Pressure Vessel Code 2021

Time	Seminar Topics	Lecturer
9.00-10.30 am	Part 1 Introduction to Code/Standard Designation	อ.สัญญา ฤถาวร
	Part 2 ASME Boiler & Pressure Vessel Code Requirements	
	Part 3 Materials Specification Low Alloy Steel Grade 91 (9Cr 1Mo V) - Typical Product Form of Low Alloy Steel Grade 91 (9Cr 1Mo V) - Chemicals Requirement conform to ASME Section II Part A 2021 - Materials Grouping (ASME P-No.)	
10.30-10.45 am	Coffee Break	
10.45-12.00am	Part 4 Specification for Shaped or edge preparation by oxygen cutting or other thermal cutting processes.	อ.สัญญา ฤถาวร
	Part 5 Welding Process & Filler Metal Specification - Filler Metal Specification Use for Welding Process GTAW - Filler Metal Specification Use for Welding Process SMAW - Filler Metal Specification Use for Welding Process GMAW - Filler Metal Specification Use for Welding Process FCAW - Filler Metal Specification Use for Dissimilar Joint Low Alloy Grade 91 To Other Materials	
	Part 6 Weld Joint Design to ASME Boiler & Pressure Vessel Code 2021	
	Part 7 Preheat Specification conform to - ASME Section I 2021 Rules for Construction of Power Boilers - ASME Section VIII Div.1 2021 Rules for Construction of Pressure Vessels - ASME B31.1 2020 Power Piping - ASME B31.3 2020 Process Piping	
12.00-13.00 pm.	LUNCH	
13.00-14.30pm.	Part 8 Interpass Temperature	อ.สัญญา ฤถาวร
	Part 9 Postweld Heat Treatment Specification conform to - ASME Section I 2021 Rules for Construction of Power Boilers - ASME Section VIII Div.1 2021 Rules for Construction of Pressure Vessels - ASME B31.1 2020 Power Piping - ASME B31.3 2020 Process Piping	
	Part 10 Joint Fit-up and Acceptance Criteria conform to - ASME Section I 2021 Rules for Construction of Power Boilers - ASME B31.1 2020 Power Piping	
14.30-14.45pm.	Coffee Break	
14.45-16.00pm.	Q&A	อ.สัญญา ฤถาวร