

EN 13445 – The European Pressure Vessel Code

Date: Thu. – Fri., 15 - 16 February 2024 – Online

Description: This extensive introductory seminar covers all important aspects from manufacturer requirements, material, brittle fracture concepts, production, testing and design to a comparison with the current status of the AD2000 regulations and the latest developments in the PED. Furthermore, its implementation in the European countries and its international recognition will be discussed.

Target group: Designers, inspectors and manufacturers of pressure equipment for the energy and process industry, engineers and technicians in plant engineering, project planning and construction of pressurised components.

The seminar language is English.

Duration: 2 days

Overview of topics:

- General Introduction
- Pressure Equipment Directive - current developments
- Technical standards to ensure compliance with the Pressure Equipment Directive
- EN 13445 in comparison with AD2000
- Other applicable standards for pressure equipment
- Quality system requirements for manufacturers
- Material concepts
- Comparison of brittle fracture approaches
- Design of unfired pressure equipment
- Changes compared to the current status of AD2000
- Fabrication requirements
- Inspection and testing of unfired pressure equipment
- Implementation in European countries, international
- Final discussion

Instructor: Uwe Sprengholz (TÜV Thüringen Schweiz AG)

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Uwe Sprengholz was involved in the development of FEA software and its application at a very early stage. He began his career in industry as a designer and head of the quality department at a well-known company in the energy and process industry. In 2000, he joined TÜV Thüringen e.V. Since 2002, he has been a member of the VdTÜV design committee for the further development of the AD2000 rules and regulations. In 2020, Mr Sprengholz was put in charge of a TÜV Thüringen Schweiz AG department covering pressure equipment and assemblies according to PED, mechanical strength, heat flow, manufacturing aspects and quality assurance systems.

For further information please do not hesitate to contact directly the instructor or our seminar team:

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ASME Code Weeks Online 2024



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Title	Surname	First Name	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15

Sem.	Date	Title	Price
H1	05.02.2024	ASME Boiler & Pressure Vessel Code: An Introduction	490 €
H2	06. - 07.02.2024	ASME BPV Code, Section VIII, Division 1: Pressure Vessels	960 €
H3	08.02.2024	ASME BPV Code Section VIII, Division 2: Alternative Rules for Pressure Vessels	490 €
H4	09.02.2024	ASME BVP Code and PED ReHuirements	490 €
H5	12. - 14.02.2024	ASME BPV Code Section VIII, Division 1: Workshop Design Calculation	1300 €
H6	14.02.2024	Material Requirements of the ASME BPV Code	490 €
H7	15. - 16.02.2024	ASME BVP Code Section IX – Welding	960 €
H8	15. - 16.02.2024	EN 13445: The European Standard for Pressure Vessels	960 €
H9	19.02.2024	ASME B31.3 and B31.1: Process & Power Piping	490 €
H10	20.02.2024	EN 13480: The European Piping Code	490 €
H11	21.02.2024	ASME B16.34: Valves	490 €
H12	22. - 23.02.2024	ASME BPV Code, Section V: NDE Procedures and Personnel	960 €
H13	19. - 20.02.2024	ASME BVP Code, Section III – Nuclear Codes	1050 €
H14	21. - 22.02.2024	ASME NQA-1 - Nuclear Quality Assurance	1050 €
H15	23.02.2024	Lead Auditor Examination	500 €

All prices plus VAT