

EN 13445 – The European Pressure Vessel Code

Date: Mon. – Tue., 27 - 28 June 2022 – 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

Summer 2022



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Title	Surname	First Name	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15

Sem.	Date	Title	Price
P1	20.06.2022	The ASME BPV Code: An Introduction	450,- €
P2	21.06.2022	ASME BPV Code, Section VIII, Division 1: Pressure Vessels	450,- €
P3	22.06.2022	Material Requirements of the ASME BPV Code	450,- €
P4	22.06.2022	ASME B16.34: Valves	450,- €
P5	23. – 24.06.2022	ASME BPV Code, Section I: Power Boilers	890,- €
P6	23. - 24.06.2022	ASME BPV Code, Section V: NDE Procedures and Personnel	890,- €
P7	27. - 28.06.2022	EN 13445: The European Standard for Pressure Vessels	890,- €
P8	29.06.2022	EN 13480: The European Piping Code	450,- €
P9	30.06.2022	ASME B31.3 and B31.1: Process & Power Piping	450,- €
P10	01.07.2022	ASME BVP Code Section IX – Welding	450,- €
P11	04 - 05.07.2022	ASME BVP Code, Section VIII, Division 1 - Workshop Design Calculation	890,- €
P12	06.07.2022	ASME BVP Code, Section VIII, Division 2 - Alternative Rules	450,- €
P13	08.07.2022	ASME BVP Code and PED Requirements	450,- €
P14	11. - 12.07.2022	ASME BVP Code, Section III – Nuclear Codes	970,- €
P15	13. - 14.07.2022	ASME NQA-1 - Nuclear Quality Assurance	970,- €

All prices plus VAT