

## Material Requirements of the ASME BVP Code

Date: Wednesday, 14 February 2024 – Online

**How to avoid the most common mistakes when using ASME Code material!** You will concisely learn the basics of Section II for ASME material. This course will also focus on the specific requirements from the construction codes for pressure vessels and boilers. Further important topics are material testing (impact, tensile, etc.), the use of non-ASME material and recertification, filler materials, correct material certificates and marking, yield/tensile/creep strength as a basis of allowable stress values, ASME Code compliant wording for material purchase orders.

**Duration:** 1 Day

### Key points of the seminar:

- Content and structure of ASME Code Section II
  - Part A: Ferrous Materials
  - Part B: Nonferrous Materials
  - Part C: Filler metals
  - Part D: Material Properties
- Certification of material - What do ASME compliant certificates look like?
- Difference between ASME and ASTM material
- When is supplemental testing required? How is it to be performed?
- How to order material in an ASME Code compliant way?
- Permissible materials for the construction of boilers and pressure vessels
- Material requirements for non-pressure retaining items
- Recertification of material
- Which requirements have to be followed for the marking of material?
- Which options exist regarding the use of EN or "Non ASME Material" in general?

Seminarleiter: Dr.-Ing. Daniel Hüggenberg (AI),  
Tel.: 0201 74 72 75-17 – E-Mail: [hueggenberg@cis-inspector.com](mailto:hueggenberg@cis-inspector.com)

Dr. Daniel Hüggenberg's professional background is closely related to material science. He is experienced in various subjects such as high temperature material applications, fatigue as well as creep behavior and in providing specific solutions for state-of-the-art power plants. Daniel is the author of several publications in his field and has shared his experience at many conferences and contributed to the development of Codes and Standards. Since joining CIS GmbH he has additionally qualified as an ASME Authorized Inspector and now passes on his know-how through his inspection and consulting activities. In his customer-oriented seminars Daniel addresses user-related issues faced by the plant engineering industry when it comes to meeting ASME Code requirements.

Für weitere Informationen stehen Ihnen der Kursleiter oder unser Seminar-Team gerne zur Verfügung:

Tel.: 0201 74 72 75-0  
Fax: 0201 74 72 75-29

E-Mail: [service@cis-inspector.com](mailto:service@cis-inspector.com)  
<http://www.cis-inspector.com>

# ASME Code Weeks Online 2024



company	<p>For <b>online</b> registration go to:  <a href="http://www.cis-inspector.com/asme-code-weeks">www.cis-inspector.com/asme-code-weeks</a></p> <p>For <b>postal</b> or <b>e-mail</b> registration please contact the registration center in Germany below:</p> <p><b>CIS GmbH, Laubenhof. 6, 45326 Essen, Germany</b>  Fax: +49 201 74 72 75-29  E-Mail: <a href="mailto:service@cis-inspector.com">service@cis-inspector.com</a></p>
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Title	Surname	First Name	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16

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	-	CANCELED	-
H7	14.02.2024	Material ReHuirements of the ASME BPV Code	490 €
H8	15. - 16.02.2024	ASME BVP Code Section IX – Welding	960 €
H9	15. - 16.02.2024	EN 13445: The European Standard for Pressure Vessels	960 €
H10	19.02.2024	ASME B31.3 and B31.1: Process & Power Piping	490 €
H11	20.02.2024	EN 13480: The European Piping Code	490 €
H12	21.02.2024	ASME B16.34: Valves	490 €
H13	22. - 23.02.2024	ASME BPV Code, Section V: NDE Procedures and Personnel	960 €
H14	19. - 20.02.2024	ASME BVP Code, Section III – Nuclear Codes	1050 €
H15	21. - 22.02.2024	ASME NHA-1 - Nuclear Huality Assurance	1050 €
H16	23.02.2024	Lead Auditor Examination	500 €

All prices plus VAT