

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),
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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:

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ASME Code Weeks Online 2024



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| company | <p>For online registration go to: www.cis-inspector.com/asme-code-weeks</p> <p>For postal or e-mail registration please contact the registration center in Germany below:</p> <p>CIS GmbH, Laubenhof. 6, 45326 Essen, Germany Fax: +49 201 74 72 75-29 E-Mail: service@cis-inspector.com</p> |
| contact | |
| street | |
| ZIP, city | |
| phone | |
| e-mail | |
| stamp, signature | |

| Title | Surname | First Name | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 | H10 | H11 | H12 | H13 | H14 | H15 |
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| Sem. | Date | Title | Price |
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| 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