

ASME Code Section I: Power Boilers

Date: Wednesday, 5 August 2026 – Online

Steam and pressure components in line with ASME Code Section I as a door opener for the export of power boiler equipment. In this seminar manufacturers and operators receive a detailed overview of the general requirements, design, manufacture, testing and assembly of steam boilers and installed piping. Other important aspects are material selection, inspection, final inspection and data reports as well as the correct selection of safety valves.

The seminar language is English.

Duration: 1 Day

Key points of the seminar:

- Introduction to ASME Code Section I
- Structure and Scope of Section I - Boiler Proper, Boiler External Piping, Non-Boiler External Piping
- Duties and Responsibilities of Manufacturer, User, Inspector
- Design conditions and criteria
- Drum-Type Boiler vs. Forced-Flow Steam Generator
- Design formulas for Boiler Proper, BEP, NBEP
- MAWP, design pressure, design temperature, etc.
- Design criteria for different piping systems - feedwater, steam line, blow-off, blow-down, etc.,
- Requirements for overpressure protection
- Materials (ASME/ASTM) - selection, ordering, certification
- Fabrication, welding, assembly, erection
- NBIC - National Board Inspection Code
- Nondestructive examination and personnel qualification
- Inspection and testing
- ASME Piping Codes B31.1 & B31.3
- ASME Section IX, Welding
- ASME Section V, Nondestructive Examination
- NBIC - National Board Inspection Code
- ASME Code under the PED

Instructor: Sascha Wegener – E-Mail: wegener@cis-inspector.com

Sascha Wegener has accrued more than 20 years of ASME Code experience and thus is a highly competent expert for all ASME Code matters. Before joining CIS GmbH he held the position of the responsible Area Supervisor at One/TÜV/BV in Essen. For years he has successfully supported companies all over the world with their ASME certification both in the nuclear and non-nuclear fields as an ASME Authorized Inspector Supervisor / Authorized Nuclear Inspector Supervisor. In this role he has rendered technical consultancy services to companies from different industrial sectors, such as power plant and mechanical engineering and reviewed their quality systems in numerous audits. He is also qualified as an ASME NQA-1 Lead Auditor. Sascha Wegener has been holding national and international seminars (both public and in-house), workshops and presentations on a wide range of ASME Code topics. In Europe Sascha conducts ASME B31.1 courses on behalf of ASME. Before becoming qualified as an ASME Inspector, he worked as a welding engineer in the quality assurance department of a leading ASME certified boiler manufacturer.

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

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ASME Code Weeks Online 2026



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| company | <p>For online registration go to: www.cis-inspector.com/asm-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> |
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| 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 | 3.8.2026 | ASME Boiler & Pressure Vessel Code: An Introduction | 550 € |
| H2 | 4.8.2026 | ASME Code and PED Requirements | 550 € |
| H3 | 5.8.2026 | ASME Code Section I: Power Boilers | 550 € |
| H4 | 4.- 5.8.2026 | ASME Code, Section VIII, Division 1: Pressure Vessels | 1050 € |
| H5 | 6.- 7.8.2026 | ASME Code, Section VIII, Division 1: Pressure Vessels (Turkish) | 1050 € |
| H6 | 7.8.2026 | ASME B31.3 and B31.1: Process & Power Piping | 550 € |
| H7 | 10.- 12.8.2026 | ASME Code Section VIII, Division 1: Workshop Design Calculation | 1420 € |
| H8 | 10.- 11.8.2026 | ASME Code, Section IX: Welding | 1050 € |
| H9 | 12.- 13.8.2026 | ASME BPV Code, Section IX: Welding (Turkish) | 1050 € |
| H10 | 19.8.2026 | ASME B16.34: Valves | 550 € |
| H11 | 20.- 21.8.2026 | ASME BPV Code, Section V: NDE Procedures and Personnel | 1050 € |
| H12 | 17.- 18.8.2026 | ASME BPV Code Section III: Nuclear Codes | 1050 € |
| H13 | 19.- 20.8.2026 | ASME NQA-1 : Nuclear Quality Assurance | 1050 € |
| H14 | 21..8.2026 | Lead Auditor Examination | 550 € |
| H15 | 7.- 8.9.2026 | ASME BPV Code Section VIII, Division 2: Alternative Rules for Pressure Vessels | 1050 € |

All prices plus VAT