

# ASME Code Week

## Brussels 2019



### Material Requirements of the ASME Code

Date: Monday, 9 Dec. 2019 – Venue: Hotel Novotel City Centre, Brussels, Belgium

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.

The seminar language is English.

**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?

**Instructor:** Dr.-Ing. Daniel Hüggenberg – 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.

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

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contact	
street	
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Title	Surname	First Name	BR1	BR2	BR3	BR4	BR5	BR6	BR7	BR8

Sem.	Date	Title	Price
BR1	Monday 9 Dec. 2019	<b>ASME Code Section VIII, Division 1 Pressure Vessels</b>	€ 590
BR2	Monday 9 Dec. 2019	<b>ASME B31.3 und B31.1 - Piping</b>	€ 590
BR3	Monday 9 Dec. 2019	<b>ASME Code Section VIII, Division 1 – Workshop Design Calculation of Pressure Vessels</b>	€ 590
BR4	Tue. – Thu. 10 – 12 Dec. 2019	<b>ASME Code Section IX Welding</b>	€ 1.490
BR5	Tuesday 10 Dec. 2019	<b>ASME Code and PED Requirements</b>	€ 590
BR6	Tuesday 10 Dec. 2019	<b>Material Requirements of the ASME Code</b>	€ 590
BR7	Wed. – Fri. 11 – 13 Dec. 2019	<b>ASME Code Section III and NQA-1 Nuclear Codes</b>	€ 1.790
BR8	Friday 13 Dec. 2019	<b>ASME Code Section VIII, Division 2</b>	€ 590