

## ASME NQA-1 Nuclear Quality Assurance

Date: Wed. – Thu., 21 - 22 February 2024 – Online

**A complete overview in two days.** We start with 10CFR50 and 10CFR21, then move on to supply chain qualification and NQA-1 implementation. Safety classification, the 18 elements of NQA-1, qualification of inspection and test personnel, lead auditors, design verification, computer programs, commercial grade dedication and ASME's NQA-1 certificate are explained in detail. Several examples and workshops are included to provide for easier implementation. The course offers participants from the fields of quality assurance, project management, manufacturing, sales, purchasing and customer service both the necessary basics and sound guidance for implementation .

The seminar language is English.

**Duration:** 2 days

topics:

- Basics of Quality Assurance
- 10CFR50 Legal basis in the USA, 10CFR21 Deviations
- Supplier approval, safety classification
- The 18 elements of NQA-1
- NQA-1 editions and amendments, ISO 9000 and NQA-1
- Supplier approval, who needs to be audited?
- Survey and audit - is there a difference?
- Inspection and test personnel, auditor and lead auditor
- Indoctrination and training is there a difference?
- What are Activities Affecting Quality?
- Design verification
- Computer programs, verification and validation
- Supplier evaluation and qualification
- Dedication of Commercial Grade Items
- Supplier audits and Approved Vendors List
- Inspection status, tests
- Measuring and test equipment and its calibration
- Handling, packaging and shipping
- Internal audits, audit reports, nonconformities, corrective action
- Documents, Records and archives

# ASME Code Weeks Online 2024



Instructor: Dr.-Ing Dirk Kölbl (Authorized Nuclear Inspector Supervisor / Lead Auditor)

Phone: +49 201 74 72 75-11 - E-Mail: [koelbl@cis-inspector.com](mailto:koelbl@cis-inspector.com)

Dirk Kölbl is a qualified Authorized Nuclear Inspector Supervisor for ASME Code Section III, Division 1 and 3 activities and is an Authorized Inspector Supervisor with experience in Sections I, IV, VIII, and X. In over 25 years of experience he has prepared a large number of companies all over the world for their ASME Joint Reviews and Nuclear Surveys. He has participated in hundreds of audits of manufacturers, engineering companies and suppliers. Dr. Kölbl is member of ASME NQA EUIWG and certified Lead Auditor according to ASME NQA-1 with auditing experience in the fields of material, components, services and engineering. His experience and professional teaching skills make him an effective and entertaining instructor.

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

Tel.: +49 201 74 72 75-0

Fax: +49 201 74 72 75-29

E-Mail: [service@cis-inspector.com](mailto:service@cis-inspector.com)

<http://www.cis-inspector.com>

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company	<p><b>For online registration go to:</b>  <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

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	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