UPCOMING CONFERENCES & EVENTS

International Conference on Environmental Remediation and Radioactive Waste Management (ICEM) October 3–6, 2023, Stuttgart, Germany
https://event.asme.org/ICEM

ASME Standards: Driving Nuclear Progress in Poland's Supply Chain October 4-5, 2023, Warsaw, Poland
ASME & BUREAU VERITAS Conference
Venue: Golden Tulip Hotel, Warsaw
Detailed agenda and registration link: HERE
Two days of insightful discussions, presentations and networking opportunities, focused on the latest advancements in ASME certification, nuclear standards, and regulatory requirements. This event will serve as a platform for industry experts, government officials, and key stakeholders to exchange knowledge and foster collaboration in the nuclear sector in Central - Eastern Europe.
Contact Adam Maslowski

Conference for Advanced Reactor Deployment (CARD 2024) March 26-28, 2024, Charlotte,
https://event.asme.org/CARD
• Save-the-date, make your plans to join us.

Pressure Vessels & Piping Conference® (PVP) July 28–August 2, 2024, Bellevue, Washington
https://event.asme.org/PVP
The event is the ideal platform to keep up with new technologies, network and interact with experts, practitioners, and peers in the Pressure Vessels & Piping area.
Abstract Submission Due: October 16, 2023
For more ASME events see Conference & Event Overview

NUCLEAR STANDARDS

ASME Nuclear Codes and Standards exist to ensure public safety, support global trade, develop technology and foster knowledge transfer while easing government’s regulatory burden. By uniting technical and quality requirements – enhanced by a time-proven consensus approach to decision making – ASME develops standards which can be adopted, applied, and accepted universally.

Boiler Pressure Vessel Code Sections
• BPV III - Rules for Construction of Nuclear Facility Components
• BPV XI - Rules for Inservice Inspection of Nuclear Power Plant Components
• BPV II, V, IX & XIII Service Sections
• OM - Operation and Maintenance
• QME-1 - Qualification of Mechanical Equipment
• CONAGT AG-1 Code on Nuclear Air and Gas Treatment
• NQA-1 Nuclear Quality Assurance
• JCNRM Nuclear Risk Management
  • RA-S-1.1 Standard for Level 1/Large Early Release Frequency Probabilistic Risk Assessment
  • RA-S-1.2 Severe Accident Progression and Radiological Release (Level 2) PRA Standard for Light Water Reactors (LWRs)
  • RA-S-1.3 Standard for Radiological Accident Offsite Consequence Analysis (Level 3 PRA) to Support Nuclear Installation Applications
  • RA-S-1.4 Probabilistic Risk Assessment Standard for Advanced Non-Light Water Reactors
  • 58.22 Requirements for Low Power and Shutdown Probabilistic Risk Assessment
• CNF Cranes for Nuclear Facilities
  • HRT-1 - Rules for Hoisting, Rigging, and Transporting Equipment for Nuclear Facilities
  • NOG-1 - Rules for Overhead and Gantry Cranes
  • NUM-1 - Rules for Cranes, Monorails, and Hoists

UPCOMING COMMITTEE MEETINGS

Committee on Nuclear Air and Gas Treatment – contact Rob Ryan
• July 27, 2023: Virtual

ASME BPVC Boiler and Pressure Vessel Code Week - BPV III & XI
• August 6-11, 2023: Virtual
• November 12-17, 2023: Houston, TX

Committee on Nuclear Risk Management - contact Oliver Martinez
• September 18-22, 2023: Baltimore, MD

Cranes for Nuclear Facilities - contact Jihoon Oh
• September 27-28, 2023: Ogden, UT

Nuclear Quality Assurance – contact Abena Dinizulu
• October 30 -November 2, 2023: Virtual

See ASME.org/Resources/SMR and Advanced Reactors for more information
Participate in Standards Development

Committees meet on a regular basis to update these standards. All committee meetings are open to the public and all industry stakeholders are welcome to join the process. No cost to be a committee member, and one does not need to be an ASME member to be on a committee.

Contact the Staff Secretary for more information.

To learn more, visit: go.asme.org/joinCS

CERTIFICATIONS

**Nuclear Component Certification Program (N, NA, NPT, NS, NV, N3, OWN, G, GC)** This allows Certificate Holders to certify and stamp newly constructed components, parts, and appurtenances used at a nuclear facility with the Certification Mark in accordance with Section III of the ASME BPVC.

**NEW Certificate Marks Offered**

G - Design of Graphite or Composite Core Components and Assemblies

GC - Graphite or Composite Core Components and Assemblies

**Nuclear Material Organization Certification Program (QSC)** Quality System Certificates (QSC) issued by ASME verify the adequacy of a Material Organization's quality system program and certifies organizations that provide materials and services to the nuclear industry in accordance with the requirements of the ASME BPVC, Section III, NCA-3800 and NCA-3900.

**Nuclear Quality Assurance Certification Program (NQA-1)** certification for quality assurance programs in conformance with the ASME NQA-1 standard, "Quality Assurance Requirements for Nuclear Facility Applications".

To learn more, visit Certification and Accreditation

LEARNING & DEVELOPMENT

Courses in Nuclear Facility Construction, Nuclear Quality Assurance, Balance of Plant, and Inservice

**NEW Video Based On-Demand Courses**

- **EL549** - ASME BPV Code, Section XI: Inservice Inspection of Nuclear Power Plant Components (Video Based Course)
- **EL551** - Nuclear Piping Systems ASME BPV Code, Section III and B31.1: Design, Integrity-Operability Assessment, and Repairs (Video Based Course)
- **LP108** - Design and Analysis of Piping Systems and Operability Assessment of Nuclear Power Plant Components

**UPDATED – SELF STUDY**

- **ZABC5** - NQA-1 Part 1 – 18 QA Requirements
- **ZABC29** - NQA-1 Practical Application

**UPCOMING VIRTUAL CLASSES**

- **VCPD184** - ASME BPV Code Section III, Division 1: Rules for Construction of Nuclear Facility Components and USNRC Regulations, Sep 14-19, & Dec 7-12
- **VCPD192** ASME BPV Code, Section XI: Inservice Inspection of Nuclear Power Plant Components, Nov 6-10
- **VCPD606** - ASME NQA-1 Requirements for Computer Software used in Nuclear Facilities, Aug 7-8, Nov 6-7, and Feb 5-6
- **VCPD615** - Nuclear Piping Systems ASME BPV Code, Section III and B31.1: Design, Integrity-Operability Assessment, and Repairs, Dec 4-8
- **VCPD632** - Design-by-Stress Analysis per ASME BPV Code, Section III, Division 1: Class 1, 2 and 3 Components, Oct 19-24
- **VCPD675** - ASME NQA-1 Lead Auditor Training

For more ASME courses see Find Courses

For information, contact: LearningExperience@asme.org

PUBLICATIONS

**ASME Digital Collection**

**Journals**

- Journal of Nuclear and Radiation Science
- Journal of Pressure Vessel Technology
- Journal of Engineering for Gas Turbines and Power
- Journal of Pressure Vessel Technology
- Journal of Energy Resources Technology
- Journal of Heat Transfer
- Journal of Fluids Engineering

**Conference Proceedings**

- ICONE – International Conference on Nuclear Energy
- Pressure Vessels and Piping Conference (PVP)
- International Conference on Radioactive Waste Management and Environmental Remediation (ICEM)

For info contact: journals@asme.org

See ASME.org/Resources/SMR and Advanced Reactors for more information