



*SETTING THE STANDARD*

## **ASME CODES & STANDARDS**

- + Council on Standards and Certification**
- ASME Energy and Environmental Standards Advisory Board (EESAB)**
- Board on Codes & Standards Operations**
- + Board on Conformity Assessment (BCA)**
- Board on Hearings and Appeals**
- + Board on Nuclear Codes and Standards**
- + Board on Pressure Technology Codes and Standards**
- + Board on Safety Codes and Standards**
- + Board on Standardization and Testing**
- Board on Strategic Initiatives**

## Charter

Management of all ASME activities related to codes, standards, guidelines, and accreditation programs directly applicable to nonnuclear pressure containing equipment.

## Officers

**CHAIR** Robert McLaughlin  
**VICE CHAIR** Walter Sperko, PE  
**STAFF SECRETARY** [Christian Sanna](#)

## Staff Contact

Christian Sanna  
The American Society of Mechanical Engineers  
Two Park Avenue  
New York, NY 10016  
Phone: 1(212) 591-8513  
[sannac@asme.org](mailto:sannac@asme.org)

## Associated Committee Pages

[B16 Standardization of Valves, Flanges, Fittings, and Gaskets Standards Committee](#)  
[B31 Code for Pressure Piping Standards Committee](#)  
[Translation Group On Piping and Pipelines In Spanish](#)  
[Bioprocessing Equipment Standards Committee \(BPE\)](#)  
[BPTCS Task Group on Risk-based Design and Inspection](#)  
[BPTCS/BNCS Special Committee on Use of Additive Manufacturing for Pressure Retaining Equipment](#)  
[BPV Committee on Power Boilers \(I\)](#)  
[BPV Committee on Materials \(II\)](#)  
[BPV Committee on Heating Boilers \(IV\)](#)  
[BPV Committee on Welding, Brazing and Fusing \(IX\)](#)  
[BPV Committee on Nondestructive Examination \(BPV V\)](#)  
[Translation Group on BPV V in Spanish](#)  
[Translation Group on BPV VI and VII in Spanish](#)  
[BPV Committee on Pressure Vessels \(VIII\)](#)  
[Translation Group on BPV VIII in Spanish](#)  
[BPV Committee on Fiber- Reinforced Plastic Pressure Vessels \(X\)](#)  
[BPV Committee on Transport Tanks \(XII\)](#)  
[BPV Committee on Overpressure Protection \(XIII\)](#)  
[BPTCS Research Evaluation Group \(BREG\)](#)  
[ASME/API Joint Committee on Fitness for Service](#)  
[Nonmetallic Pressure Piping Systems Standards Committee \(NPPS\)](#)  
[Pressure Technology Post Construction Committee](#)  
[Pressure Vessels for Human Occupancy \(PVHO\)](#)  
[Reinforced Thermoset Plastic Corrosion Resistant Equipment Main Committee \(RTP\)](#)  
[Structures for Bulk Solids \(SBS\)](#)  
[Technical Oversight Management Committee \(TOMC\)](#)  
[Committee on Turbine Water Damage Prevention \(TWDP\)](#)

# Board on Pressure Technology

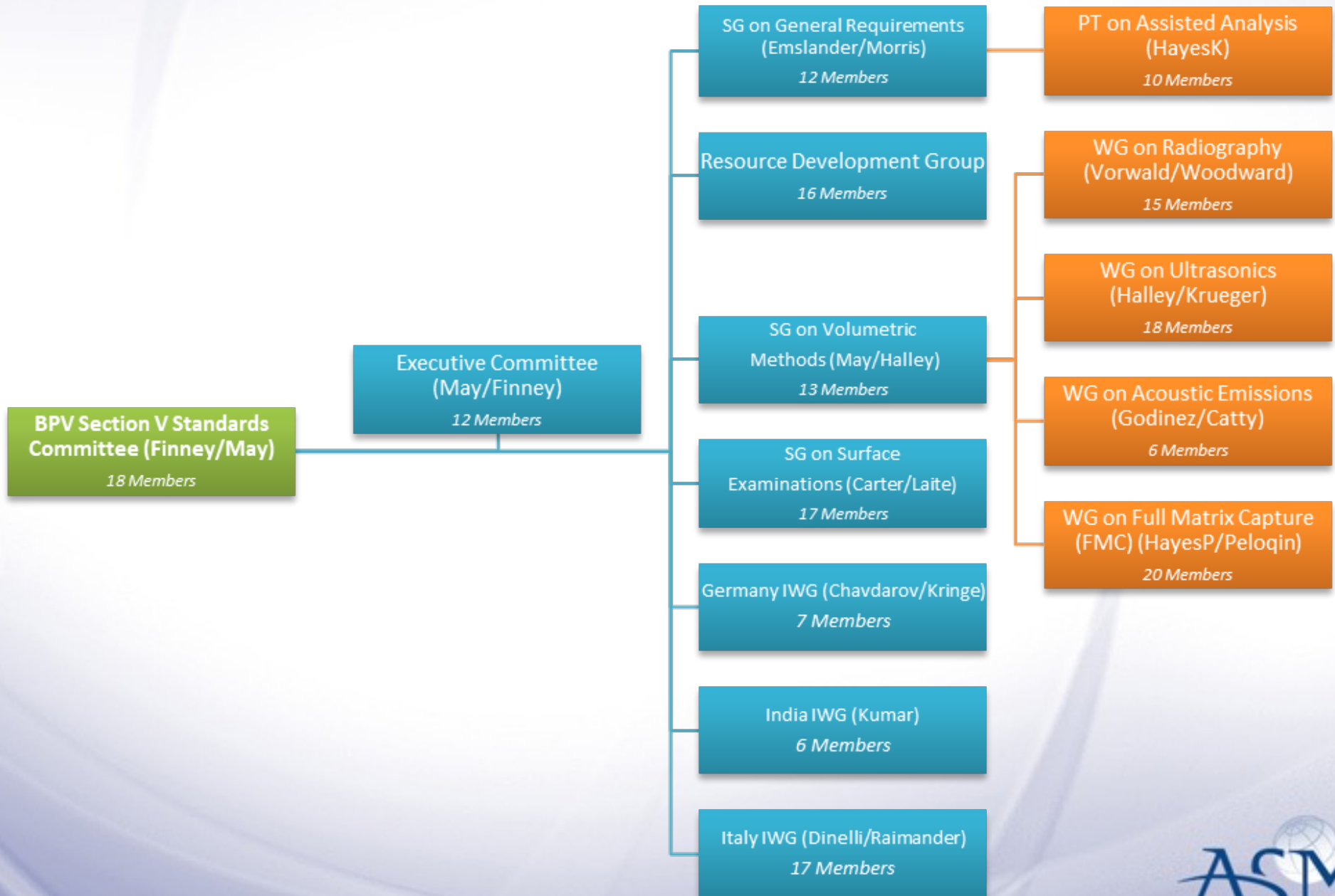




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- Board on Codes & Standards Operations**
- Board on Conformity Assessment (BCA)**
  - ASME Committee on Certification of Non-Destructive Examination Personnel and Quality Control Technicians (ASME NDE Committee)**
  - ASME Consultant Roster for BPV Electronic Distribution**
  - Committee on AIA Accreditation**
  - Committee on Boiler & Pressure Vessel Conformity Assessment (CBPVCA)**
  - Committee on BPE Certification**
  - Committee on Conduct of Conformity Assessment Activities (BCA)**
  - Committee on Conformity Assessment Requirements**
  - Committee on Designees (COD)**
  - Committee on Nuclear Certification (CNC)**
  - Committee on Qualification of High Capacity Fossil Fuel Fired Plant Operators (QFO)**
  - Committee on Qualification of Resource Recovery Facility Operators (QRO)**
  - Committee on RTP Certification**
  - Standards Committee on Qualifications for Authorized Inspection (QAI)**
  - The Committee on Hearings and Appeals
  - Y14.5.2 GDTP Certification Standard Committee**
- Board on Hearings and Appeals**
- Board on Nuclear Codes and Standards**
- Board on Pressure Technology Codes and Standards**
- Board on Safety Codes and Standards**

# COMMITTEE HIERARCHY



# COMMITTEE STRUCTURE

Committee Structure	Members*
Standards Committee V	(18)
BPV V Executive Committee	(12)
Subgroup on Surface Examination Methods	(17)
Subgroup on Volumetric Methods	(13)
Working Group on Acoustic Emissions	(06)
Working Group on Radiography	(15)
Working Group on Ultrasonics	(18)
Working Group on Full Matrix Capture (FMC) Ultrasonics	(20)
Subgroup on General Requirements/Personnel Qualifications and Inquiries	(12)
Project Team on Assisted Analysis	(10)
Resource Development Group	(16)
Germany International Working Group (GIWG)	(07)
India International Working Group	(06)
Italy International Working Group (IIWG)	(17)

\*NOTE: Tally only included voting membership.

# MAJOR CHANGES in the 2021 Edition

- Article 1, Mandatory Appendix III, Exceptions and Additional Requirements for use of ASNT SNT-TC-1A 2016 Edition
  - Rewritten to address initial issues for use of 2016 ASNT SNT-TC-1A
- Article 1, Mandatory Appendix IV Exceptions to ANSI/ASNT CP-189-2020
  - Written to address use of ASNT CP-189 2020 Edition
- New Article 20, Computed Tomography Examination
  - Written for examination of Advanced or Additive Manufacturing
- New Article 21, Pulsed Eddy Current (PEC) Technique for Corrosion Screening
  - Written to address use of Eddy Current Array technology

# Interpretations

- Received 163 Inquiries in past 2 years
- Requests represent 28 countries: U.S. – 33, India – 23, Canada – 22
- Top 3 categories: Radiography – 47, Ultrasonic – 43, General Requirements – 36



# MAJOR CHANGES for the 2023 Edition

- Robotic Examination using UAS System – Article 9
- Para. T-120(e) – adoption of 2020 Edition of SNT-TC-1A, with the deletion of Mandatory Appendix III & IV.
- Revival of Article 3 to contain advanced Ultrasonic applications
- New Article for Thermal Infrared Examination
- Adding Table to clarify Methods & Techniques

# COLLABORATION WITH OTHER ASME COMMITTEES

- Additive Manufacturing (AM)
  - BPV Section V has a representative on Committee to address Computed Tomography (CT)
- Additional volunteers to support NDE method development and improvements including several members attending Section XI Committees
- MUS (Mobile Unmanned Systems) Standards Committee
- Members are also attending Post Construction Committees
- Considerable improvements in communications with the ASNT in developing future editions of SNT-TC-1A and CP-189
- Committee is reviewing the 2020 edition of ANDE-1 for potential adoption (Record 21-581)

# COLLABORATION WITH OTHER ASME COMMITTEES

- In-Service NDE Requirements
  - At the November 2021 BPV Section V meeting, the committee voted and approved to create a new SWG for In-Service NDE Applications. A letter is being prepared that will be sent out to all committee members included on the survey ballot for record that introduced this action (Record 20-2448). This letter will notify the committee members on this New SWG, the charter and its rationale. We will also invite/ask if any committee member is interested in participating on this SWG.

# RESEARCH AND DEVELOPMENT PROJECTS

- Records opened to evaluate:
  - 19-0404, Development of FMC/TFM Training Manual
  - 19-1310, Development of BPV V requirements for training, experience, qualification and certification of NDE Personnel
  - 19-2074, Update Analytics for BPV V, Article 14, NIST is funding and working on a limited rewrite of Article 14 Analytics for POD



# Questions/Comments?