

2017 NBIC Summary of Major Changes

Part 1:

- An improved and expanded general requirements section (1.6)
- A new Supplement 6, *Special Requirements for the Installation of Condensing Boilers*

Part 2:

- New requirements and guidance on the inspection of wire-wound pressure vessels (2.3.6.6)
- New requirements and guidance on the inspection of cryogenic pressure vessels (2.3.6.9)
- A new Supplement 11, *Inspector Review Guidelines for Finite Element Analysis (FEA)*
- A new Supplement 12, *Inspection of Liquid Carbon Dioxide Storage Vessels*
- A new Supplement 13, *Inspection of Biomass Fired Boiler Installations*

Part 3:

- Removal of administrative requirements for the National Board “R” program (1.5.1, 1.5.2)
- New requirements and guidance on repair by encapsulation (3.4.3)
- Significant updates to the “NR” and “NVR” programs, including new NR-1 and NVR-1 forms (1.8, 5.13.5.1, 5.13.6.1)
- Allowance for reimpregnation of graphite pressure parts (S3.5.7)
- A new Supplement 8, *Weld and Post Repair of Creep Strength Enhanced Ferritic Steel Pressure Equipment*

Part 4:

The 2017 NBIC marks the debut of Part 4, an entire book dedicated to installation, inspection, and repair requirements for pressure relief devices. Requirements that were previously found in Parts 1, 2, and 3 regarding pressure relief devices have been consolidated into one book.