

This third edition of the *Companion Guide* of ASME Boiler & Pressure Vessel and Piping Codes has been updated to the current (2007) Code Edition. Since the first edition, a total of 140 authors have contributed to this publication, and in this edition there are 107 contributors of which 51 are new authors. Several of the new contributors are from countries around the world that use ASME B&PV Codes, with knowledge of ASME Codes, in addition to expertise of their own countries' B&PV Codes. All of these authors who contributed to this third edition considerably updated, revised or added to the content matter covered in the second edition to address the current and futuristic trend as well as dramatic changes in the industry.

The first two volumes covering Code Sections I through XI address organizational changes of B&PV Code Committees and Special topics relating to the application of the Code. Volume 1 covers ASME Code Sections I through VII, B31.1 and B31.3 Piping Codes. Volume 2 has chapters addressing Code Sections VIII through XI, refurbished with additional code material consistent with the current 2007 Code edition. ASME Code Section VIII Division 2 was completely rewritten, and that effort has been captured in this publication. Notable updates included in this Volume relate to maintenance rule, accreditation, dynamic loads, functionality, operability criteria, fluids, pipe vibration analysis, code design and evaluation for cyclic loading for Code Sections III and VIII.

Volume 3 addresses Code Section XII and issues for the success of current and the next generation of Nuclear Reactors and Internals, License Renewal, Public Safety, PRA and Spent Fuel Pool-related issues. The impact of globalization and inter-dependency of ASME B&PV Codes is recognized in this volume, by inclusion of several countries that own and operate nuclear reactors or have nuclear steam supply vendors and fabricators that use ASME B&PV Code Sections I through XII. This information is meant to benefit international users of ASME Codes with authors covering East and West European countries, Africa, Asia, in addition to the USA and Canada.

A unique feature of this publication is the inclusion of all author biographies and an introduction that synthesizes every chapter, along with an alphabetical listing of indexed terms.



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COMPANION GUIDE TO THE ASME BOILER & PRESSURE VESSEL CODE

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Third Edition



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