



# Essential Reference for Meeting BPVC Requirements

Indispensable engineering handbooks covering pressure vessel design, structural analysis, high pressure applications, material strength and more

Many countries have codes and standards concerning pressure vessels. Compliance is usually legally mandatory, and to meet requirements, engineers need to review techniques, best practices, and reference works from validated sources of industry-specific content – i.e., how to correctly implement the code.

With the **Pressure Vessel Knowledge Collection** from IHS Markit, your engineers will have the best applied technical references available to support their work with pressure vessels. With more than 30 authoritative titles from leading technical publishers at their fingertips, your teams will have the critical information they need to make decisions faster and with greater confidence.

## Answers at Your Fingertips

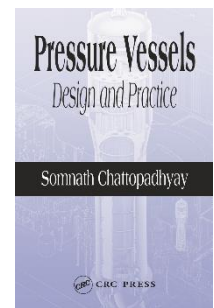
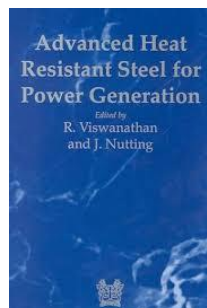
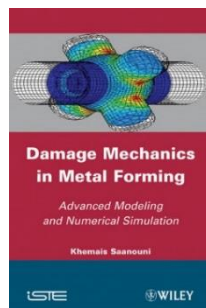
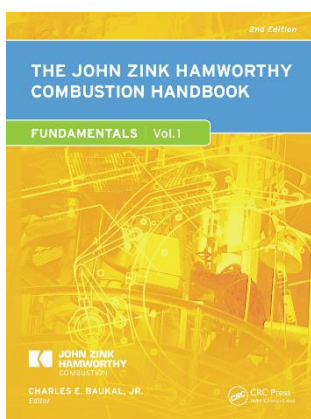
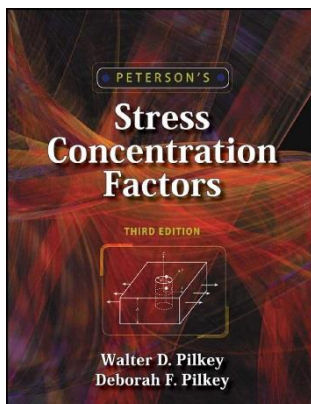
Having the right information readily available from validated sources of technical publications saves engineering time, improves time-to-market, and reduces risk.

The Knowledge Collections are delivered on the Engineering Workbench platform in a convenient digital format. Next-generation search technology built into Engineering Workbench allows engineers to quickly pinpoint answers within this trusted content.

As a result, IHS Markit customers have realized up to 30% or more reductions in the time that their engineers spend looking for information, enabling them to spend more time analyzing information and resulting in faster, better decisions.

## Foremost Technical Publishers

Publishers represented in the Pressure Vessel Knowledge Collection include ASM International, ASTM International, Chemical Publishing Company, CRC Press, DEStech Publications, Maney Publishing, Oxford University Press, Trans Tech Publications, and John Wiley & Sons. Together, these publishers have centuries of experience providing engineers with trusted companions to the code.





### Titles in the Knowledge Collections for Pressure Vessels\*

- Advanced Heat Resistant Steels for Power Generation
- Advanced High-Strength Steels: Science, Technology, and Applications
- Advanced Materials Design and Mechanics
- Advanced Mechanics of Materials
- Analysis of Transport Phenomena
- Applied Combustion, Second Edition
- Computational Modeling of Pulverized Coal Fired Boilers
- Damage Mechanics in Metal Forming: Advanced Modeling and Numerical Simulation
- Essentials of the Mechanics of Materials
- Finite Element Simulation of Heat Transfer
- Fundamentals of the Finite Element Method for Heat and Fluid Flow
- Fundamentals of the Finite Element Method for Heat and Mass Transfer
- Gas Turbine Combustion : Alternative Fuels and Emissions, Third Edition
- Handbook of Combustion
- Heat Conduction 3rd Edition
- Heat Transfer Applications for the Practicing Engineer
- Heat Transfer Handbook
- High Temperature Strain of Metals and Alloys
- Mass Transfer Operations for the Practicing Engineer
- Mass Transfer: From Fundamentals to Modern Industrial Applications
- Mechanics of Adhesive in Composite and Metal Joints
- Modeling of Combustion Systems : A Practical Approach
- Peterson's Stress Concentration Factors 3rd Edition
- Practical Residual Stress Measurement Methods
- Pressure Vessels : Design and Practice
- Product Engineering: Molecular Structure and Properties
- References and Conference Proceeding Towards the Understanding of Fracture Mechanics
- Synthesis Gas Combustion : Fundamentals and Applications
- The John Zink Combustion Handbook
- The John Zink Hamworthy Combustion Handbook, Second Edition : Volume 1- Fundamentals
- The John Zink Hamworthy Combustion Handbook, Second Edition : Volume 3- Applications
- The Mechanics of Machines
- Worked examples in the strength of metals and alloys

\* Title list effective as of January 2018.

### Also Available from IHS Markit: ASME Press Books

This collection of ASME Press Books is another key companion to the ASME Boiler and Pressure Vessel Code – anyone who uses the Code should have these books to help them understand and apply the BPVC to their equipment and projects.

Titles include: Companion Guide to the ASME Boiler and Pressure Vessel and Piping Codes - Volumes 1 & 2 - Fourth Edition; Design and Analysis of ASME Boiler and Pressure Vessel Components in the Creep Range; Guidebook for the Design of ASME Section VIII Pressure Vessels - Fourth Edition; Power Boilers: A Guide to Section I of the ASME Boiler and Pressure Vessel Code - Second Edition; Process Piping: The Complete Guide to ASME B31.3 - Third Edition.

For more information on the 2017 Boiler Code [www.ihsmarket.com/2017bpvc](http://www.ihsmarket.com/2017bpvc)

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