About the Authors

James R. Tauby is chief executive engineer for Mason Industries, Inc. He is a professional engineer in over 40 states. He holds a Bachelor of Science in Mechanical Engineering from the University of Alabama. An ASHRAE Distinguished Lecturer, he regularly lectures around the world on topics ranging from vibration isolation, seismic, and wind restraint of mechanical systems to the use of elastomeric expansion joints for piping in seismic applications. He is a past chairman of ASHRAE’s Technical Committee 2.7, Seismic and Wind Restraint Design. He is a member of ASHRAE’s Standards Committee and currently chairs the committee revising ASHRAE Standard 171, Method of Test of Seismic Restraint Devices for HVAC&R Equipment. He is a member of the National Fire Protection Association’s Technical Committee on Hanging and Bracing of Water-Based Fire Protection Systems (for NFPA 13: Standard for the Installation of Sprinkler Systems). He was also an editor on Federal Emergency Management Agency (FEMA) documents 412, 413, and 414 for the installation of seismic restraints on equipment, piping, ductwork, and electrical distribution systems.

Richard J. Lloyd is manager of Mason Industries’ engineering office in California. He holds a Bachelor of Science in Engineering from California State University at Northridge. He led Mason engineering teams in inspecting earthquake-damaged equipment installations, analyzing failures, and designing retrofits. He is a coauthor of the California Office of Statewide Health Planning and Development (OSHPD) Pre-Approval OPA-0349 “Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems,” which he used to design and supervise the installation of seismic bracing systems on many projects. He is currently a member of the Earthquake Engineering Institute (EERI), International Code Council (ICC), Applied Technology Council (ATC), and American Society of Civil Engineering (ASCE), where he participated in the development of ASCE 7-10 (Chapter 13). He has also participated in shake table testing of equipment mounted on vibration isolation systems for equipment certification. His most recent involvement in research projects includes designing vibration isolation, seismic restraints, and piping flexible connectors for the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) “Full-Scale Structural and Nonstructural Building System Performance During Earthquakes & Post-Earthquake Fire,” the large-scale shake table test of a structure with mechanical, electrical, and plumbing nonstructural components.

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The Practical Guide to Seismic Restraints, first published in 1999, has become ASHRAE’s top selling publication of all time! We are very proud that our chief engineer, Jim Tauby, and our west coast seismic expert, Rich Lloyd, were selected by ASHRAE to co-author this comprehensive manual a second time for this 2012 edition. We must have learned something in 13 years, as the book has grown from 130 to 230 pages! It will be our pleasure to send a complimentary copy to Mechanical engineers or Engineering Firms. Just click on the book and submit an email to request a copy. Share this post. Share Practical Guide to Seismic Restraint has been added to your Cart. Add to Cart. Buy Now. Have one to sell? Sell on Amazon. See this image. Practical Guide to Seismic Restraint Paperback 31 Jan 2012. by James R. Tauby (Author), Richard Lloyd (Author). See all formats and editions Hide other formats and editions.