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American Welding Society Welding Handbook 9th Edition, Vol. 3, Welding Processes Now Available

*****Expanded Edition Introduces Friction Stir Welding and Includes Most Recent Developments in Beam Technology*****

Miami, FL, January 18, 2008 – The [American Welding Society](http://www.aws.org) (AWS), the world's largest organization dedicated to advancing the science, technology and application of welding, announced today that the *Welding Handbook, 9th Edition, Vol. 3, Part 2, Welding Processes* is now available in both print and electronic formats. This updated and expanded version of the Welding Handbook includes more than 600 pages of comprehensive information on solid-state and other welding and cutting processes.

Welding Handbook, Vol. 3 reflects the dramatic changes brought into welding processes over the past decade due to the emergence of new welding techniques and advanced materials. This book includes chapters on resistance spot and seam welding, projection welding, flash and upset welding and high-frequency welding. In addition to a chapter on friction welding, a new chapter introduces friction stir welding, the process that has users excited about the significant advantages it offers. It is also expanded to include the most recent developments in beam technology, such as laser beam welding and cutting and electron beam welding. Other processes presented include ultrasonic welding, explosion welding, diffusion welding and brazing, adhesive bonding, thermal and cold spraying and modernized water jet cutting.

Written, updated, and peer-reviewed by a group of highly respected technical and scientific experts, *Welding Handbook, Vol. 3* contains 669 pages, and includes 15 chapters, three appendices, 59 reference tables and more than 400 line drawings and photographs. The price is \$192. *Vol. 2, Part 1, Welding Processes* and *Volume 3, Part 2, Welding Processes* may be purchased together for a reduced rate of \$288. AWS domestic individual members may purchase the *Welding Handbook, Vol. 3* for only \$25 by contacting the AWS membership department toll-free at 800-443-9353.

AWS publications may be purchased in the United States and Canada by calling toll-free 888-WELDING (888-935-3464); elsewhere, call 305-824-1177, fax to 305-826-6195, or order online at <http://www.awspubs.com>. A catalog listing all AWS standards and other documents is available for download from the AWS web site, www.aws.org/catalogs.

*****Note: To view photos associated with this release, please visit the [press photo gallery](http://www.aws.org/pr/photos.html) in AWS' press room: <http://www.aws.org/pr/photos.html>.*****

About AWS

The American Welding Society (AWS) was founded in 1919 as a multifaceted, nonprofit organization with a mission to advance the science, technology and application of welding and allied joining and cutting processes, including brazing, soldering, and thermal spraying. Headquartered in Miami, Florida, and led by a volunteer organization of officers and directors, AWS serves more than 50,000 members worldwide and is composed of 22 districts with 250 sections and student chapters. For more information, visit the Society's website at <http://www.aws.org> and click on "[pressroom](#)."