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AWS Publishes New Plastic Welding Standard

AWS G1.1M/G1.1:2006 Guide to Ultrasonic Assembly of Thermoplastics Now Available

Miami, FL, August 7, 2006 – The American Welding Society (AWS), the world's largest nonprofit organization dedicated to advancing the science, technology and application of welding, announced today their newly published standard on plastic welding, AWS G1.1M/G1.1:2006, *Guide to Ultrasonic Assembly of Thermoplastics*. This American National Standards Institute (ANSI)-approved standard details the ultrasonic equipment and processes used in fabricating thermoplastic parts.

This first edition of the standard represents the culmination of a decade of work by the AWS G1 Committee on joining plastics and composites. It was developed in response to industry demand for a standard on ultrasonic welding that could guide management, engineers, foremen, and welders. It defines the ultrasonic welding process, the materials that can be welded, and the required equipment. Part and joint designs are included, along with welding process optimization, testing, and ultrasonic techniques of staking, swaging, insertion, forming, degating, cutting, trimming, and spot welding.

The standard contains 94 pages, and includes 45 figures and 9 tables. The price is \$68 for non-members, or \$51 for AWS members. 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.

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 nearly 50,000 members worldwide and is composed of 22 Districts with more than 200 local Sections. For more information, visit the Society's website at <http://www.aws.org> or the pressroom at <http://www.aws.org/pr/pressroom.html>.

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