



# NEWS FROM AWS

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## AWS Announces New Resistance Welding Standards

### *New Specifications to Cover Aerospace and Automotive Applications*

Miami, FL, December 19, 2006 – The American Welding Society (AWS), the world's largest nonprofit organization dedicated to advancing the science, technology and application of welding, will shortly be releasing two brand-new resistance welding standards. The first, AWS D8.1M:2007, *Specification for Automotive Weld Quality—Resistance Spot Welding of Steel*, establishes acceptance criteria for welds in the auto industry. An upcoming standard on aerospace welding, AWS D17.2/ D17.2M:2007, *Specification for Resistance Welding for Aerospace Applications*, covers resistance spot and resistance seam welding of aluminum, magnesium, iron, nickel, cobalt, and titanium-based alloys used in aviation and space manufacturing.

These American National Standards Institute (ANSI)-approved standards will be part of an extensive collection of technical documents related to resistance welding. The entire collection of bulletins of the Resistance Welding Manufacturing Alliance (RWMA) is also published by AWS. In addition, AWS holds the annual Emmet A. Craig Resistance Welding School, will take place in November at the annual welding show in Chicago.

The automotive resistance welding standard was developed by the AWS D8 Committee on Automotive Welding. It covers quality standards for spot welds in vehicles fabricated from steels, including advanced high-strength steels. The standard contains 40 pages, and includes 24 figures and 4 tables. Price is \$56 (\$42 for members of AWS).

The aerospace resistance welding standard was developed by the AWS D17 Committee on Welding in the Aircraft and Aerospace Industry, which includes experts from the major aircraft, defense, and space manufacturers. The AWS D17.2/ D17.2M:2007 specification is intended to replace MIL -W-6858D and AMS-W-6858A. It includes requirements for machine and procedure qualification, production witness samples, and inspection and acceptance criteria for aerospace hardware. The standard contains 44 pages, and includes 11 figures and 13 tables. Price is \$56 (\$42 for members of AWS).

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](http://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 more than 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> and click on "pressroom."

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For the latest AWS news and information, please visit the Society's pressroom at <http://www.aws.org/pr/pressroom.html>

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