



MEDIA CONTACT:

Cindy Weihl
American Welding Society
800-443-9353 ext 416
cweihl@aws.org

FOR IMMEDIATE RELEASE

AWS Publishes First Ever Guide for Verification and Validation in Computation Weld Mechanics

MIAMI, Fla., February 21, 2013 – The American Welding Society (AWS) has published AWS A9.5:2013, *Guide for Verification and Validation in Computation Weld Mechanics*. This is the first standard publication by the AWS A9 Committee on Computerization of Welding Information.

In 2007, a task group was formed under the AWS technical committee structure to investigate the need for computational weld mechanics standards. The task group was reorganized as the AWS A9 Technical Committee on Computerization of Welding Information. The committee, made up of volunteer industry suppliers, end users, and researchers began work in 2008 and this new standard is the first by the committee with more related topics on computational weld mechanics (CWM) planned.

The guide will provide the CWM community with a common language and conceptual framework to enable communication to non-users of CWM to gain a sense of credibility of the CWM models. It covers a wide range of Verification and Validation activities, including simplistic and complex model development, verification of numerical solutions, attributes of validation experiments, accuracy requirements, and quantification of uncertainties.

AWS A9.5:2013, *Guide for Verification and Validation in Computation Weld Mechanics*, is available at (888) WELDING or www.aws.org/standards for \$60. American Welding Society members can purchase the standard for just \$45.

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 70,000 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."

###