Miami, Fla., August 13, 2015 – The American Welding Society (AWS) has released a new and extensively updated, Volume 5 of the Welding Handbook: Materials and Applications, Part 2. The Welding Handbook is the oldest and best-known handbook in the industry published by AWS and used worldwide. It is a must-have reference for engineers, structural designers, technologists, inspectors, welders, welding educators, and others who need to understand the dynamic and evolving welding industry.

The new volume covers aluminum; magnesium; copper; nickel and cobalt; lead and zinc; titanium; reactive, reflective, and precious metals; plastics; ceramics; and composites. Each chapter includes a thorough explanation of the metal or materials, details of the welding processes used to join it, safe practices, and a comprehensive bibliography.

The chapters of the book are written by leading scientists, engineers, educators, and other prominent technical and scientific experts. Everything is peer-reviewed for accuracy and timeliness.

The Welding Handbook is currently available for purchase through the AWS Bookstore at www.pubs.aws.org. The book is $196 for non-AWS members and $149 for members. Electronic versions of each chapter can also be purchased individually through the AWS Bookstore website. Each chapter download is $24 for non-AWS members and $18 for members.
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 worldwide, including brazing, soldering, and thermal spraying. Headquartered in Miami, Florida, and led by a volunteer organization of officers and directors, AWS serves more than 71,000 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.”