



**American
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Institute**

News Release

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NEW WELDED STEEL PIPE MANUAL OFFERS SOLUTIONS TO NATION'S INFRASTRUCTURE CHALLENGES

WASHINGTON, D.C. – The American Iron and Steel Institute (AISI) and the Steel Tank Institute/Steel Plate Fabricators Association (STI/SPFA) announced today that they have jointly published a steel pipe design manual titled *Welded Steel Pipe Revised Edition 2007*. The manual focuses on the design of steel pipe up to 240 inches (6,000 mm) in diameter under either internal or external pressure. It is available for downloading free of charge at AISI's Web site (www.steel.org) or the STI/SPFA Web site (www.steeltank.com).

Welded Steel Pipe Revised Edition 2007 offers a broad range of analysis on issues such as handling, installation, ring deflection, performance limits, soil mechanics, external loads, and coatings and couplings, among other topics. It also includes insight and expertise from several leaders within the steel water pipe industry.

Targeted at consulting engineers and private/municipal water utility employees, the manual includes technical background and equations that address design issues for water transmission lines and distribution systems that employ welded steel pipe.

"Welded Steel Pipe Revised Edition 2007 incorporates the latest advances in addressing the full range of issues important to pipe specifiers – and, in particular, the many ways that steel provides unparalleled, long-lasting service in large-diameter applications," said Wayne Geyer, executive vice president, STI/SPFA.

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“The new manual meets a critical need in addressing the complex infrastructure issues in the United States,” said AISI Vice President of Construction Market Development Delbert F. Boring, P.E. “As design engineers and pipe specifiers look for viable solutions to the nation’s water transmission and distribution challenges, this design manual provides a wealth of information on large-diameter steel pipe solutions. We’re pleased to be releasing this manual in cooperation with STI/SPFA, an important partner in our Construction Market program.”

AISI’s Construction Market program is supported through the investment of the following AISI member companies:

- AK Steel Corporation
- ArcelorMittal
- ArcelorMittal Dofasco Inc.
- IPSCO Inc.
- Nucor Corporation
- Severstal North America Inc.
- Steelscape, Inc.
- United States Steel Corporation
- USS-POSCO Industries

AISI serves as the voice of the North American steel industry in the public policy arena and advances the case for steel in the marketplace as the preferred material of choice. AISI also plays a lead role in the development and application of new steels and steelmaking technology. AISI is comprised of 31 member companies, including integrated and electric furnace steelmakers, and 130 associate and affiliate members who are suppliers to our customers of the steel industry. AISI's member companies represent approximately 75 percent of both U.S. and North American steel capacity. For more news about steel and its applications, view AISI’s Web site at www.steel.org.

STI/SPFA was formed in February 2004 when the Steel Tank Institute (1916) and the Steel Plate Fabricators Association (1933) combined operations. STI/SPFA provides a wide range of services to the industry-leading suppliers and fabricators of steel tanks, pressure vessels, specialty products and piping for the petroleum, chemical, food and water storage industries. Through cooperative actions within the special interest sections, STI/SPFA members promote the benefits of steel as the material of choice for all of these applications.

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