

# Steel Tank Institute Steel Plate Fabricators Association

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## NEWS

### **STI/SPFA HONORS WATER STORAGE TANKS OF THE YEAR & FABRICATED PRODUCTS OF THE YEAR**

LAKE ZURICH – May 19, 2006 – STI/SPFA has announced the winners of its “Tank of the Year” and “Fabricated Product of the Year” Awards for 2005. “We congratulate our Award Winners, whose products exemplify the highest levels of innovation and excellence, while demonstrating the superior performance and adaptability of steel in the design of storage tanks, piping and steel fabricated products,” said Wayne Geyer, Executive Vice President of STI/SPFA.

CBI Services, Inc., of Plainfield, Illinois earned the Tank of the Year Award for a Reservoir Tank built on behalf of Princeton University in Princeton, New Jersey. “Preserving the beautiful and historic campus of Princeton University, while improving the campus cooling system and reducing energy costs, were the driving factors in the design decision for this 2.6 million gallon Thermal Energy Storage Tank in a 20’ deep moat. Architectural battens and a pleasing paint scheme on this 80’ diameter and 71’ tall tank, deliver the appearance and performance Princeton University sought,” said Gilbert P. Beckett Jr., CBI Project Manager. “Steel is inherently constructible, offering innovative design choices, and we congratulate Princeton University on this award.”

Caldwell Tanks, Inc. of Louisville, Kentucky earned the Tank of the Year Award for a 3 million gallon Elevated tank at Public Water Supply District No. 2 in St. Charles County,

Missouri. “The O’Fallon Water Tank contains approximately 1200 tons of steel and is in proximity to the New Madrid Fault in southeastern Missouri,” said Kevin Gallagher, Vice President – Sales for Caldwell Tanks. “This created huge challenges in the engineering of the structure. The enormous potential lateral load is accounted for at every point on the structure. The bedrock subsurface and accelerated schedule added to the complexity of this project. This tank demonstrates the advantageous qualities of steel, no matter the size.” The coating was supplied by the Tnemec Company Inc., and the painting contractor was Neumann Company.

Phoenix Fabricators & Erectors, Inc., of Avon, Indiana earned an additional Elevated Tank of the Year Award for a Nostalgic Tank built on behalf of the City of Scottsburg, Indiana. “The Mayor and Town Council of Scottsburg were looking for something unique,” said Chris Melluck, Structural Engineer for Phoenix Fabricators & Erectors, Inc. “This 500,000 gallon water storage tank’s design was reminiscent of a cone-top steel tank, a style popular in the early 20<sup>th</sup> century. Slanted external columns and X bracing on the balcony railing, and the City’s ornate and colorful logo complete the nostalgic look.” The coating was supplied by the Tnemec Company Inc.

CB&I Constructors, Inc., of Plainfield, Illinois, was honored with the Special Storage Systems Award for its work on behalf of the Gwinnett County Georgia Public Works Department. “The one-million gallon capacity egg-shaped anaerobic digesters are used to reduce wastewater solids and produce energy,” said Jack Currie, Product Manager ESD Technology for CB&I Constructors. “The digesters are gas-tight vessels designed per API 620, and are built by combining cone-shaped upper and lower sections with a spherical mid-section, and are insulated to maintain a nominal 98° F. temperature”.

Modern Welding Company, Inc., of Owensboro, Kentucky was honored with the Fabricated Product of the Year Award in the Atmospheric Tank Category, for seven Fireguard® tanks supplied to the Jacksonville Transit Authority in Jacksonville, Florida. “The Fireguard® Double Wall Steel Protected Fire-Rated Aboveground Storage Tanks have interstitial monitoring capability and the design has been tested for projectile and impact resistance, and a 2-hour fire test,” said Stephen Fort, Manager Technical Service for Modern Welding Company. “Six 50,000 gallon petroleum storage tanks and one 10,000 gallon tank were manufactured at Modern’s subsidiaries in Owensboro, Kentucky, Houston, Texas and Augusta, Georgia.”

Brown-Minneapolis Tank Co., of Albuquerque, New Mexico, earned the Fabricated Product of the Year Award in the Special Fabrications category, for an experimental rocket built for Space Vector in Chatsworth, California. “The 572” steel rocket was dropped from an aircraft as an experiment, and was destroyed on impact with the ground as its intended use,” said Chuck Travelstead, President of Brown-Minneapolis Tank. “Steel is the material of choice for this application”.

American Spiralweld Pipe Company, LLC in Columbia, South Carolina earned the Pipeline Project of the Year Award for a new pipeline which replaced a wooden penstock line from Kibler Valley to the Pinnacles Hydroelectric Plant at the Meadows of Dan in Virginia. “Due to the remote location of the replacement pipeline, innovative methods were implemented to deliver and install the pipeline,” said John Luka, Chief Engineer for American SpiralWeld Pipe Company. “A helicopter was used to transport the new steel pipe into the valley, and to remove the demolished wooden pipeline. An old temporary access road was re-cut to bring the necessary installation and welding equipment to the isolated work areas and allow the joints to be welded together.”

Continental Pipe Manufacturing Company, Inc. in Pleasant Grove, Utah was honored with the Pipeline Fabricated Project of the Year Award for a project built on behalf of the Washington County Water Conservancy District in St. George, Utah. “The fitting is the starting point of a 60”, 10,000 LF water transmission line,” said Brent Keil, President of Continental Pipe Manufacturing Company, Inc. “The fitting will be used as a pig launcher (a bullet shaped foam piece pushed through the pipe to clean the interior surface of the line). Domestic steel coils were used to meet the project specifications at 36,000 psi yield strength.” The connecting end included a Victualic Depend-O-Lok End Ring, and the coating was supplied by Madison Chemical Industries.

“Our award winning products highlight the structural strength, durability and compatibility of steel for the widest variety of applications,” said Sonny Underwood, President of STI/SPFA. “From energy savings to earthquake resistance, for a nod to nostalgia or creating energy through the ultimate recycling process, to preserve our natural environment or strengthen our defenses, steel plays the most vital role in sustaining and enriching our lives.”

STI/SPFA is an association serving companies in the business of fabricating steel tanks, piping and pressure vessels for use in the petroleum, food, water and chemical processing industries. STI/SPFA provides certification and training courses for steel tank and piping, performs quality assurance inspections, develops industry standards and specifications, produces safety booklets, and serves as a liaison to regulatory and code authorities. For further information and electronic photos, contact Anne Kiefer at STI/SPFA, 570 Oakwood Road, Lake Zurich, IL 60047, Phone: 847/438-8265 Fax: 847/438-8766 E-mail: [ankiefer@steeltank.com](mailto:ankiefer@steeltank.com)  
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