



ENGINEERED WOOD WEEK

NEWS NOTES FROM AITC. THE ORIGINAL TRADE ASSOCIATION FOR ENGINEERED WOOD

May 8, 2007

ANSI/AITC A190.1-2007 Approved

After five years of development, AITC is pleased to announce the approval of ANSI/AITC A190.1-2007 *American National Standard for Wood Products – Structural Glued Laminated Timber*. AITC published the first version as Commercial Standard CS 253-63 in 1963 under the U.S. Dept. of Commerce, and has since established itself as the leader in the development of glulam standards. AITC A190.1 has become the defacto manufacturing and quality control standard for structural glued laminated timber in the United States. All building code-conforming structural glued laminated timber is required to be manufactured and marked as required in this standard. This latest revision includes new requirements for adhesives and updated requirements for the use of manufactured lumber and structural composite lumber tension laminations.

Adhesives qualified under the new standard are required to meet the requirements of AITC 405-2005 *Standard for Adhesives Used in Structural Glued Laminated Timber*. This standard is an improvement over previous versions, which required multi-year tests to qualify an adhesive. Conformance to AITC 405-2005 will ensure manufacturers that new adhesives are sufficiently strong and durable for the demands of structural glued laminated timber. Two adhesive manufacturers have already contacted the AITC Inspection Bureau for approval of adhesives that have been tested to the requirements of AITC 405.

The standard also references the latest versions of other AITC 400-series standards, including

AITC 401-2005 *Standard for Manufactured Lumber for use in Structural Glued Laminated Timber* and AITC 402-2005 *Standard for Structural Composite Lumber for use in Structural Glued Laminated Timber*. These reference standards were improved to correct deficiencies and facilitate qualification and use of materials that are sometimes used as alternate tension laminations.

The revised standard will be available for purchase from AITC by June, 2007. AITC manufacturers and auditors are expected to transition to the new standard, later this summer. This will entail becoming familiar with the revised standard and replacing or revising stamps to incorporate the new standard date. Exact dates will be announced by the Inspection Bureau, soon.

Two other AITC standards are moving through the ANSI approved consensus process. In December 2006, AITC filed project initiation notification system (PINS) forms for the revision of AITC 117-2004 *Standard Specifications for Structural Glued Laminated Timber of Softwood Species*, and the previously mentioned AITC 405. Submitting standards through an approved consensus process makes building code acceptance easier.

In Memoriam

AITC is saddened by the loss of several long-time members this past year. Their service and contributions strengthened AITC, and they were valued members of the industry and their communities.

Gary Gray passed away April 26, 2007 after a long battle with cancer. He was 48 years of age. Gary was the chairman of AITC's Arbitration Review Board and a member of the Technical Advisory Committee (TAC). He previously served as chairman of TAC, and was a member of the Technical Review Board. He was owner and principal engineer of Gray Engineering in London, Kentucky, a firm that he founded in 1998, and was also a property developer as president of Gray Development, Inc.

Gary graduated from the University of Kentucky in 1980 with a Bachelor of Science in civil engineering. He was a widely known expert in heavy timber and glued laminated timber, and wrote several articles on the repair of existing structures.

Gary is survived by his wife of 26 years, Margaret, and a son and daughter and parents, and well as other family. Gary will be sorely missed at his church where he was very active as a deacon and Sunday school teacher. Gary's loss will also be felt at AITC TAC and annual meetings.

Don W. Osenga, founder of AITC Associate Member Wood-Lam, Inc., passed away in July 22, 2006. He was born July 10, 1925 in Milwaukee, Wisconsin. He served in the ambulance service during WWII. His musical background of dance band gigs made him valuable to the Army. The GI Bill helped him earn a degree in light building engineering from the University of Wisconsin in 1951. In 1955, he founded Wood-Lam, Inc., a design-build company for structures using structural glued laminated timber for roofs. He served as president of Construction Specifications Institute and was Active in the Associated General Contractors.

Mr. Osenga, affectionately known as "the Big O", was an avid tennis player and golfer, and also was a private pilot for many years. He is survived by his wife, Jerrine, and a son, Thom,

who now operates the company that Don founded, as well as other family and friends.

Ben Hurlbut, former chairman of the Technical Review Board, passed away November 5, 2006. He was born June 3, 1922. Mr. Hurlbut served with the 220th field artillery battalion on the 44th infantry division in World War II. Following the war, he graduated with honors in 1949 from Montana State University with a Bachelor of Science in civil engineering. He was a member of Tau Beta Pi.

In 1955, Mr. Hurlbut founded Hurlbut, Kersich and McCulloch (HKM) Associates. His structural engineering accomplishments are numerous and include the design of the Brick Breeden Field House at Montana State, as well as many other public and private structures.

Mr. Hurlbut was an inaugural inductee into the Montana Professional Engineers Hall of Fame in 2002. He was active in the American Society of Civil Engineers, American Concrete Institute, American Institute of Steel Construction, National Society of Professional Engineers, and the Montana Society of Engineers. He also served for many years on AITC's Technical Advisory Committee.

Gary R. Kriedeman passed away December 6, 2006 following a long battle with cancer. He was born September 30, 1939. Gary started working in the glulam business when he was 18 years old. For 47 years he worked in various segments of the industry. In 1982, he became an independent sales representative selling glued laminated timber in the Dallas – Ft. Worth Metroplex, forming Kriedeman & Associates. His firm is an Associate Member of AITC. In 2005, he and his wife of 46 years, Eddie Jean, moved to Green Valley, Arizona. He is survived by his wife and one daughter, Christina. Another daughter, Kelly, preceded him in death. Gary served a number of years on AITC's Marketing Advisory Committee. He was a member of the Ft. Worth Sierra Club. He enjoyed camping, hiking, hunting and canoeing with his family.