The Truss Plate Institute announces the publication of ANSI/TPI 1-2014, "National Design Standard for Metal Plate Connected Wood Truss Construction".

ALEXANDRIA, VA. (January 2, 2015) On December 31, 2014, the Truss Plate Institute (TPI), the leading provider of truss engineering information for the construction industry, released the ANSI/TPI 1-2014, "National Design Standard for Metal Plate Connected Wood Truss Construction". This publication is an update to the ANSI/TPI 1-2007 and is now available for purchase online from the Truss Plate Institute at www.tpinst.org. This standard is available in hard copy or in a downloadable electronic form and comes with a Commentary & Appendices.

The TPI 1 standard establishes minimum requirements for the design and construction of metal plate connected wood trusses and describes the materials used in a truss, both lumber and steel, and design procedures for truss members and joints. Methods for evaluating the metal connector plates, manufacturing quality assurance, and responsibilities in the design process involving metal plate connected wood trusses are also contained in the standard. The standard has been in use in the industry in earlier versions since the early 1960’s. Updates and revisions have regularly occurred to keep pace with the ever changing needs and innovations of the industry. New in the 2014 edition are provisions for Load and Resistance Factor Design (LRFD) for metal plate connected wood trusses, expanded deflection limitations to accommodate provisions often specified by Building Designers, a reorganized Design Responsibilities chapter, and more. The ANSI/TPI 1-2014 is referenced in the 2015 International Residential Code and in the 2015 International Building Code.

The process for revising the TPI 1 standard followed the ANSI approved procedures as outlined in TPI’s Project Committee Method for Achieving Consensus (PCMAC) document. A balanced Project Committee was formed in 2011 which consisted of Users, Producers, and General Interest members that were tasked with updating the 2007 edition of the standard. The ANSI/TPI 1-2014 is the product of that Project Committee’s efforts.

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About TPI

TPI is a trade association with the mission to maintain the truss industry on a sound engineering basis. TPI establishes methods of design and construction for trusses in accordance with the American National Standards Institute's accredited consensus procedures. TPI’s Technical Advisory Committee (TAC) and staff provide technical assistance to the truss industry, conduct research, coordinate activities with other industry organizations, and provide in-plant quality inspection/auditing services to truss manufactures. For more information, visit www.tpinst.org or call 703-683-1010.