

## References

- 1) American Forest and Paper Association (AF&PA). (2001) ANSI/NfoPA NDS® *National Design Specification for Wood Construction*. AF&PA, Washington, DC.
- 2) American Forest and Paper Association (AF&PA). (1991) *Commentary on the National Design Specification® for Wood Construction*, AF&PA, Washington, DC.
- 3) Annual Book of ASTM Standards v01.08, (2004) “Standard Test Method for Determining Bending Yield Moment of Nails.” American Society of Testing and Materials Standard F 1575-03. ASTM, Philadelphia, PA.
- 4) Annual Book of ASTM Standards v4.10, (2003a) “Test Method for Mechanical Fasteners in Wood.” American Society of Testing and Materials Standard D 1761-88(2000)e1. ASTM, Philadelphia, PA.
- 5) Annual Book of ASTM Standards v4.10, (2003b) “Standard Test Method for Specific Gravity of Wood and Wood-Based Materials.” American Society of Testing and Materials Standard D 2395-02. ASTM, Philadelphia, PA.
- 6) Annual Book of ASTM Standards v4.10, (2003c) “Standard Test Method for Direct Moisture Content Measurement of Wood and Wood-Based Materials.” American Society of Testing and Materials Standard D 4442-92(2003). ASTM, Philadelphia, PA.
- 7) Annual Book of ASTM Standards v4.10, (2003d) “Standard Test Method for Evaluating Dowel-Bearing Strength for Wood and Wood-Based Products.” American Society of Testing and Materials Standard D 5764-97a(2002). ASTM, Philadelphia, PA.
- 8) Annual Book of ASTM Standards v01.08, (2002) “Standard Test Method for Determining Bending Yield Moment of Nails.” American Society of Testing and Materials Standard F 1575-95. ASTM, Philadelphia, PA.
- 9) ASTM, (1999) “Standard Test Method for Cyclic Properties of Connections Assembled with Mechanical Fasteners.” American Society of Testing and Materials Standard E06.13. 7<sup>th</sup> Draft Standard. ASTM, Philadelphia, PA.
- 10) Anderson, G.T. (2002) *Experimental Investigation of Group Action Factor for Wood Connections*. M.S. Thesis. Virginia Polytechnic Institute and State University. Blacksburg, VA, USA.
- 11) Chui, Y.H. and I. Smith. (1989) “Quantifying damping in structural timber components.” *Proceedings, 2<sup>nd</sup> Pacific Timber Engineering Conference*, Auckland, New Zealand.
- 12) Dolan, D. and J. Loferski. (2002) “Optimizing Fastener Spacing in Multiple Bolt Wood Connections for Natural Hazard Loading.” Research Proposal to United States Department of Agriculture. Contract ID: USDA-NRI-CGP #2003-35103-12948.

- 13) Foliente, G.C., Karacabeyli, E., and Yasumura, M. (1998) *International Test Standards for Joints in Timber Structures under Earthquake and Wind Loads*. Proceedings Structural Engineering World Congress, San Francisco, CA. Ref T222-6.
- 14) Gattesco, N. (1998) "Strength and Local Deformability of Wood Beneath Bolted Connectors." *Journal of Structural Engineering*. Vol. 124 (2): 195-202.
- 15) Gutshall, S.T. (1994) *Monotonic and Cyclic Short-term Performance of Nailed and Bolted Timber Connections*, MS Thesis. Virginia Polytechnic Institute and State University. Blacksburg, VA.
- 16) Heine, C.P. (2001) *Simulated Response of Degrading Hysteretic Joints with Slack Behavior*. Ph.D. Dissertation. Virginia Polytechnic Institute and State University. Blacksburg, VA, USA.
- 17) Houghton Mifflin Company, (2000) *The American Heritage Dictionary of the English Language, Fourth Edition*. Houghton Mifflin Company.
- 18) International Standards Organization, (2003) "Timber structures-Joints made with mechanical fasteners – Quasi-static reversed-cyclic test method." International Standards Organization 16670:2003(E). ISO, Switzerland.
- 19) Johansen, K.W. (1949) "Theory of timber connections." *International Association for Bridge and Structural Engineering*. 9:249-262.
- 20) Jorissen, A. (1998) *Double Shear Timber Connections with Dowel Type Fasteners*. Ph.D. thesis, Delft University Press, Delft, The Netherlands.
- 21) Krawinkler, H., Parisi, F. Ibara, L., Ayoub, A., and Medina, R. (2000) *Development of a Testing Protocol for Woodframe Structures*. CUREE Publication No. W-02. Consortium of Universities for Research in Earthquake Engineering. Richmond, CA.
- 22) Lantos, G. (1969) "Load Distribution in a row of Fasteners Subjected to Lateral Load." *Wood Science*. Vol. 1(3): 129-136.
- 23) Larsen, H.J. (1973) "The Yield Load of Bolted and Nailed Joints" Proc. International Union of Forestry Research Organization, Div. V, Conf IUFRO 646-654.
- 24) McLain, T.E. and Tangjitham, S. (1983) "Bolted Wood Joint Yield Mode." *Journal of Structural Division*, ASCE, 109 (8), 1820-1835.
- 25) Mohammad, M., Quenneville, J.H.P., and Smith, I. (1998) "Influence of Cyclic Loads on Strength and Stiffness of Bolted Timber Connections." *Proceedings of the 5<sup>th</sup> World Conference on Timber Engineering*. Vol. 1: 375-382.

- 26) Moss, P.J. (1996) "Research into Row Modification Factors for Multiple-bolted Timber Joints." *Proceedings of the International Wood Engineering Conference*. Vol. 4: 197-204.
- 27) National Forest Products Association (NFPA), (1973) *National Design Specifications for Stress-Grade Lumber and its Fasteners*. NFPA, Washington, DC.
- 28) Popovski, M., Prion, H.G.L., and Karacabeyli, E. (2002) "Seismic performance of connections in heavy timber construction." *Canadian Journal of Civil Engineering*, 29 (3): 389-399.
- 29) Society of Automotive Engineers Standards, (1999) "Mechanical and Material Requirements for Externally Threaded Fasteners." Society of Automotive Engineers Standard J429. SAE, Warrendale, PA.
- 30) Soltis, L.A., and Wilkinson, T.L. (1991) "United States Adaptation of European Yield Model to Large-Diameter Dowel Fastener Specification." *Proceedings of the 1991 International Timber Engineering Conference*. London. Vol. 3: 3.43-3.49.
- 31) Soltis, L.A. and Wilkinson, T.L. (1987) "Bolted-Connection Design." General Technical Report FPL-GTR-54. Madison, WI: US Department of Agriculture, Forest Service, Forest Products Laboratory.
- 32) Soltis, L.A., Hubbard, F.K., and Wilkinson, T.L. (1986) "Bearing Strength of Bolted Timber Joints." *Journal of Structural Engineering*, ASCE, 112 (9), 2141-2154.
- 33) Trayer, G.W. (1928) "Bearing Strength of Wood Under Steel Aircraft Bolts and Washers and Other Factors Influencing Fitting Design." Aeronautics Technical Notes No. 296. NACA Washington D.C.
- 34) Trayer, G.W. (1932) "The Bearing Strength of Wood Under Bolts." Technical Bulletin No. 332. USDA Washington D.C.
- 35) Wilkinson, T. (1993) "Bolted Connection Strength and Bolt Hole Size." Research Paper FPL-524. Madison, WI: US Department of Agriculture, Forest Service, Forest Products Laboratory.
- 36) Wilkinson, T. (1991) "Dowel Bearing Strength." Research Paper FPL-505. Madison, WI: US Department of Agriculture, Forest Service, Forest Products Laboratory.
- 37) Wilkinson, T. (1986) "Load Distribution Among Bolts Parallel to Load." *Journal of Structural Engineering*, ASCE, 112 (4) 835-852.
- 38) Wilkinson, T. (1978) "Strength of Bolted Wood Joints with Various Ratios of Member Thickness." Research Paper FPL-314. Madison, WI: US Department of Agriculture, Forest Service, Forest Products Laboratory.

- 39) Yeh, T.C., Hartz, B.H. and Brown, C.B. (1971) "Damping Sources in Wood Structures." *Journal of Sound and Vibration*. 19(4): 411-419.
- 40) Zahn, J.J. (1991) "Design Equation for Multiple Fastener Wood Connections." *Journal of Structural Engineering*. ASCE, Vol. 117 (11): 3477-3486.