เอกสารอ้างอิง

- 1 สำนักงานนวัตกรรมแห่งชาติ, "นวัตกรรมเทคโนโลยีงานไม้", ครั้งที่ 1, งานส่งเสริมภาพลักษณ์องค์กร, 2550
- 2 Lantos, G., "The Flexural Behavior of Steel Reinforced Laminated Timber Beams", Wood Science, Vol.2 No.3, 1970, pp. 136-143.
- 3 Curtis, J.O., "Steel Reinforced Wooden Beams", Transactions of the American Society of Agricultural Engineering, 1972, pp. 552-555.
- 4 Krueger, G.P., and Sandberg, L.B., "Ultimate Strength Design of Reinforced Timber", Wood Science, Vol.6, No.4, 1974, pp. 330-344.
- 5 Spaun, F.D. "Reinforcement of Wood with Fiberglass", Forest Products Journal, Vol.13, No.6, 1981, pp. 26-33.
- 6 Leichti, R.J., Gilham, P.C., and Tingley, D.A., "The Taylor Lake Bridge: A Reinforced-Glulam Structure", Wood Design Focus, Summer, 1993.
- 7 Sonti, S.S., and GangaRao, H.V.S., "Banding Timber Crossties Using Composite Fabrics for Improving Their Performanc", Materials for the New Technology, Washington, D.C., 1995, pp. 1449-1457.
- 8 Zwerneman, F.J., Anderson, S., and Huhnke, R.L., Performance of Glued Laminated Timber Panels for Bridge-Deck Replacement, Journal of Performance Construction Facilities, Vol.9, No.3, 1995, pp. 231-241.
- 9 GangaRao, H.V.S., "Sawn and Laminated Wood Beams Wrapped with Fiber Reinforced Plastic Composites", Wood Des. Focus, 1997, pp. 13-18.

- 10 Lindyberg, R., "A Nonlinear Stochastic Analysis of Reinforcement Glulam Beams in Bending", Doctoral Thesis, University of Maine, Orono, ME, 2000.
- 11 Anido., R.L., and Xu, H., "Structural Characterization of Hybrid Fiber-Reinforced Polymer Glulam Panels for Bridge Decks", Journal of Composites for Construction, Vol6, No.3, Aug. 2002, pp. 194-203.
- 12 Gupta, R., and Siller, T.S., "Stress Distribution in Structural Composite Lumber under Torsion", Forest Products Journal, Vol.55, No.2, 2005, pp. 51-56.
- 13 Beng, O.C., (2004), "Prediction of Beam Stiffness for Structural Glued Laminated Timber", Master Thesis, Universiti Putra Malaysia, Malaysia.
- 14 Dempsey, D.D., and Scott, D.W., (2006), "Wood Members Strengthened with Mechanically Fastened FRP Strips", Journal of Composites for Construction, Vol.10, No.5, pp. 392-398.
- 15 European Committee for Standardization (CEN). (2004), "Eurocode 5: Design of Timber Structures. Part 1-1: General Rules and Rules for the Buildings", *EN 1995-1-1*, CEN, Brussels, Belgium.
- 16 Fiorelli, J., and Dias, A.A., (2003), "Analysis of the Strength and Stiffness of Timber Beams Reinforced with Caron Fiber and Glass Fiber", Materials Research, Vol.6, No.2, pp.193-202.
- 17 Fiorelli, J., and Dias, A.A., (2006), "Fiberglass-reinforced Glulam Beams: Mechanical Properties and Theoretical Model", Materials Research, Vol.9, No.3, pp.263-269.
- 18 Ngamcharan. P., Ouypornprasert.W., and Boonyachut, S., (2007),"Influence of Uncertainties in Structural Resistance on Glulam Girder", International Journal of Materials & Structural Reliability, Vol.5, No.1, pp. 45-57.

- 19 Plevris, N., and Triantafillou, T., (1992), "FRP-Reinforced Wood as Structural Materials", Journal of Materials in Civil Engineering, Vol.4, No.3, pp.300-317.
- 20 Porteus, J., and Kermani, A., (2007), "Structural Timber Design to Eurocode 5", Black well Science Ltd, 9600 Garsungton Rd, Oxford OX4 2DQ, UK.
- 21 Romani, M., and Blab, H.J., (2001), "Design model for FRP Reinforcement Glulam Beams", Proceedings of the International Council for Research and Innovative in Buildings and Construction, Venice, Italy.
- 22 Tomasi, R., Parisi, M.A., and Piazza, M., (2009), "Ductile Design of Glued-Laminated Timber Beams", Practice Periodical on Structural Design and Construction, Vol.14, No.3, pp. 113-122.