



DR. TODD SHUPE

Your Wood Science Expert

RESUME

EDUCATION

- Villanova University, Lean Six Sigma Black Belt. 2014.
- Louisiana State University, Ph.D. Wood Science. 1996
- University of Illinois, M.S. Wood Science. 1994
- University of Illinois, B.S. Wood Science. 1992

WORK HISTORY

WOOD SCIENCE CONSULTING | 2017

- Provide technical assistance to the wood products industry and serve as an expert witness in tort cases.

ECO ENVIRONMENTAL | 2016-2017

- Served as Quality Manager and led efforts to reduce scrap by 27%, improved product flow and eliminated waste, improved employee engagement and morale. Led effort to obtain ISO 9001 compliance.

LOUISIANA STATE UNIVERSITY | WOOD DURABILITY LAB | 1996-2016

- Conducted basic and applied research on various aspects of wood science including wood preservation and decay, wood composites, liquefaction, bio-energy, and lumber drying. Published over 300 peer-reviewed articles and secured over \$10 million in funding. Directed ISO 17025 accredited testing lab.

AREAS OF EXPERTISE

Lean manufacturing, ISO compliance, OSHA compliance, EHS, Wood durability, preservatives, Formosan termites, decay causes and control, preservative-treated wood structures (poles, lumber, etc), wood composites, wood-water relationships

PROFESSIONAL AWARDS

- Fellow, International Academy of Wood Science
- Board Member, Journal of Wood Science
- Past President, Society of Wood Science and Technology
- USDA Award for Excellence in Technology Transfer

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