



Position:	Technical Director
Description As Of:	July 1, 2022
Position Reports To:	Senior Director
Division:	Project & Resources Solutions Division
Location:	United States – This is a home-based telecommuting position requiring frequent travel
Status:	Full-time
FLSA:	Exempt
Supervisory Position:	No

Are you a design professional or sustainability consultant who's tired of being stuck behind a desk? Are you qualified to join a team of wood design experts who provide technical support and education to engineers, architects, developers and others throughout the U.S.? Do you want to contribute to more sustainable cities? WoodWorks is America's 'go to' organization for project assistance and resources related to commercial and multi-family wood buildings—and we're looking for a skilled professional to be part of our team. In addition to an impressive compensation and benefits package, WoodWorks offers an enjoyable team atmosphere, the opportunity to become an expert in wood structures, schedule flexibility, and the chance for a rewarding career in the wood industry.

PRIMARY PURPOSE OF THE POSITION:

This Technical Director position is focused on educating designers about the embodied carbon benefits of wood construction via structural whole building life cycle assessments (WBLCA) and encouraging widespread adoption of consistent, science-based WBLCA practices. The team of Technical Directors in WoodWorks' Project Resources & Solutions Division functions as industry experts on all topics related to wood design and construction. This position is intended to enhance the team's expertise in the area of environmental sustainability and serve a vital role in coordinating and communicating the wood industry's messages with internal and external audiences.

ESSENTIAL JOB FUNCTIONS:

- Advise on preliminary building designs, provide initial carbon analysis and/or WBLCA, suggest alternate design solutions using wood, and address issues that arise.
- Coordinate wood and alternative designs with outside firms as well as comparative structural WBLCA analysis.
- Assist on comparison of prototypical buildings across the U.S. based on defined parameters; coordinate the analysis and interface with university partners.
- Compile the material lists from WBLCA analysis for benchmark databases.

A job description is a general description of the function and major duties of a job. It may not specify all duties, tasks, and assignments associated with a job. It is not intended to limit or in any way modify the right of management to direct, assign, and control the work of employees in a unit. Accuracy, attention to detail, ability to work effectively in a team environment, and ability to work in an atmosphere of multiple projects and shifting priorities are requirements of all jobs at American Forest & Paper Association. Additional job related qualifications may be specified for some openings. Job descriptions are subject to periodic review.

- Deliver best practices related to sustainable wood design and construction. Actively work to provide wood solutions and remove barriers to wood on building projects by providing one-on-one technical assistance, directly interfacing with design and construction professionals, and using education as a conversion tool.
- Establish a client network and actively work to convert projects to wood.
- Build and maintain a pool of wood champions who can function as additional sources of expert advice.
- Work closely with the Project Support Field Division to devise strategies for converting projects to wood.
- Engage with WBLCA software vendors (Tally, OneClick, and Athena) on designer ease of use and software improvements for wood structures.
- Assist with industry meetings that spread knowledge on WBLCA tools.
- Participate in organizations such as SE 2050, AIA 2030, and Carbon Leadership Forum (CLF) through monthly meetings and one-on-one interactions with key influencers.
- Document and centralize technical assistance and presentations to build a strong corporate knowledge base and reinforce brand continuity across the team and over time.
- Utilize solid technical writing skills to create sustainability-focused white papers.
- Develop brief, easily digestible documents based on existing research and guides to simplify complex topics that are current sources of confusion for our target audience of architects and engineers.
- Create compelling PowerPoint presentations and utilize strong public communication skills to present technical topics at educational events including conferences, workshops, seminars, and webinars.
- Determine themes and agendas for WoodWorks educational events based on current industry needs and market focus. Coordinate with the Lead Management & Events Division to identify and secure speakers.
- Review speaker presentations for appropriate WoodWorks messaging and content as well as AIA requirements. Prepare AIA approval forms and coach speakers on key messages.
- Arrange and participate on project site tours to assist in collecting and transferring knowledge around best practices to internal and external audiences.

QUALIFICATIONS/SKILLS/KNOWLEDGE:

Required:

- Sustainability and embodied carbon background via informally leading A/E firm's sustainability work, sustainability consultant role, and/or formal university-level education.
- Strong presentation and communication skills (includes writing and the knowledge to create compelling content)
- Initiative and a proven willingness to take accountability for results
- Results-oriented and equally able to work collaboratively or independently
- Ability to successfully navigate politically-charged situations and to recognize and respect sensitivities
- Proficiency using Microsoft Word, Outlook, PowerPoint and Excel

Preferred:

- Proficiency with commercial LCA tools (Tally, OneClick, or Athena)
- Existing engagement with and knowledge of SE 2050, AIA 2030, and the Carbon Leadership Forum (CLF)
- Knowledge of commercial or multi-family wood building construction and code requirements
- Experience interacting with wood industry association technical committees
- Proficiency with either structural design software or construction estimating software

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EDUCATION/EXPERIENCE REQUIREMENTS:

- Bachelor's Degree (Civil or Structural Engineering or related major)
- Registered Engineer
- 2-5 (or more) years' experience designing wood structures

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

WoodWorks – Wood Products Council is an active Equal Employment Opportunity Employer, M/F/D/V. We welcome men and women regardless of race, color, national origin, religion, age, sex, disability, veteran status or other category protected by law.

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