



American Wood Council

Position: Manager, Engineering Research
Division: American Wood Council
Supervisor: Senior Director, Engineering
Status: Full-Time
FLSA: Exempt
Location: Leesburg, Virginia

The American Forest & Paper Association is the national trade association of the forest products industry, representing forest landowners, pulp, paper, paperboard, and wood products manufacturers. Our companies are in the business of producing products essential for everyday life from renewable and recyclable resources that sustain the environment. The forest products industry accounts for approximately 6 percent of the total U.S. manufacturing output and employs more than a million people with an estimated annual payroll exceeding \$50 billion.

NATURE OF POSITION:

Develop and analyze results from structural research recommended by industry in support of building codes and wood industry design standards. Investigates and provides recommendations on state-of-the-art design concepts, especially those related to analytical tools and software. Assists in the assessment of wood structures and engineered systems. Assists with development, typesetting, and maintenance of national wood design standards and design aids published by AWC. Provides engineering interpretations and other technical assistance to wood designers and other standards users. Assists with other duties, as assigned.

BACKGROUND REQUIREMENTS:

- **Education:** Bachelor's Degree in Civil or Structural Engineering or equivalent. Progress towards a Professional Engineer (PE) license required. Course work or experience in basic wood design is required. Previous experience in wind and/or seismic design is desirable.
- **Skills:** High skill level in engineering software and analysis. Experience with laboratory testing is desirable.
- **Relevant Experience:** Previous wood design experience and familiarity with AWC wood design standards are desirable. Such experience can be gained at an educational institution or a design-related firm.

POSITION RELATIONSHIPS:

- **Membership:** Direct contacts with association and member company personnel at meetings, by phone, and through correspondence.
- **Governing Structure:** Frequent contact with industry technical personnel.
- **Government:** Periodic contacts with federal agencies such as FEMA, DHS, HUD, DOD, AASHTO, Forest Service, and Corps of Engineers.

- Public: Deals with engineers, architects, and builders by phone or in person to provide assistance, interpretation and/or judgments pertaining to engineering applications of wood.
- Other Organizations: Involvement and communication with professional societies and committees of related organizations (ASCE, ASTM, ASAE, AASHTO, etc.) to maintain an adequate understanding of the rapidly advancing state-of-the-art in structural engineering and represent interests of the wood industry.
- Association Office Personnel: Frequent contact with technical staff with other association staff. Serves on committees and task groups with other departmental personnel as appropriate.

POSITION RESPONSIBILITIES:

- Policy Formulation: Recommends course of action to Director of Engineering and the AWC Technical Committee.
- Planning: Plans approaches to specific problems or projects, recommends course of action and, upon approval, undertakes the project.
- Budgetary Responsibilities: Assists with the development of engineering research and publication budget requirements in the range of \$50,000 to \$100,000 per year.
- Supervisory Responsibilities: None.

DECISION AUTHORITY:

Aids Director of Engineering and Manager of Structural Engineering in decisions concerning engineering and construction matters. Initiates staff action for development or modification of structural design provisions. Under supervision of the Director of Engineering, Director of Codes and Standards, and Director of Technical Media, interprets provisions of AWC wood design standards and other AWC technical publications.

CONTACT INFORMATION:

Qualified individuals, please send resume and cover letter with salary requirements to: resumes@afandpa.org or fax 202-463-2058. For consideration, the subject line or cover letter must indicate interest in job code #80-02.

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER:

American Forest and Paper Association is an active Equal Employment Opportunity Employer, M/F/D/V. AF&PA welcomes men and women regardless of race, color, national origin, religion, age, sex, disability, veteran status or other category protected by law.