



American Wood Council

Position: Manager, Structural Engineering
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:

Represents wood industry in design issues and recommends course of action to industry. Investigates and provides recommendations on state-of-the-art design concepts, especially as they relate to high wind, seismic, and snow loading issues. Develop and supervise structural research and provide justification for proposed building code and standard modification based on said research. Assesses field performance of wood structures, analyzes engineered systems and research results, and evaluates building code and federal regulations related to structural uses of wood. Assists with maintenance and development of national wood design standards. Provides engineering interpretations and other technical assistance to wood designers and other standards users.

BACKGROUND REQUIREMENTS:

- **Education:** Bachelor's Degree in Civil or Structural Engineering or equivalent, and registration as a Professional Engineer (PE) is required. Master's Degree in Engineering or equivalent is desirable. 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 and construction methods. Experience with laboratory testing is desirable.
- **Relevant Experience:** Previous wood design experience and familiarity with the AWC wood design standards are desirable. Such experience can be gained at an educational institution or in a design-related firm.

POSITION RELATIONSHIPS:

- **Membership:** Direct contacts with association and member company personnel at meetings, by phone, and through correspondence.
- **Governing Structure:** Staff executive for Subcommittee on Structural Design of the Technical Committee. 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 of other associations. Serves on committees and task groups with other departmental personnel as appropriate.

POSITION RESPONSIBILITIES:

- Policy Formulation: As staff executive for the Subcommittee on Structural Design, evaluates engineering policy topics. Recommends course of action to Director of Engineering, Structural Design Subcommittee, and the AWC Technical Committee. Recommends structural design policies as appropriate.
- Planning: Plans approaches to specific problems or projects, recommends course of action and, upon approval, undertakes the project.
- Budgetary Responsibilities: Develops 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 in decisions concerning engineering and construction matters. Initiates committee and staff action for development or modification of structural design provisions. 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 #81-02.

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.