



## American Excelsior Company Job Description

**Job Title:** ErosionLab Technician  
**Location:** 831 Pioneer Ave., Rice Lake, WI 54868  
**Reports To:** Business Development Manager

### **SUMMARY**

Support technical service activities for American Excelsior Company (AEC) including ErosionLab®, the company's large-scale erosion and sediment control research and development laboratory. Obtains data through lab for use by environmental, engineering, and scientific personnel in determining sources and methods of controlling pollutants in air, water, and soil. Confers with Application Engineers and other sources, in application of principles, methods, and techniques of soil erosion testing technology. Writes technical papers and test reports and travels across the country, to represent company and present findings. Evaluates data on performance of existing, new, and competitive erosion and sediment control products, for determining methods of improving these products. Works to meet division objectives and strategic plans to help financial profitability by performing the following duties:

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following:

- Technical Marketing
  - Promotes lab results through professional papers and presentations at national conferences such as IECA, StormCon, and ASCE and regional conferences to support Territory Managers.
  - Positions AEC strategically in the erosion and sediment control arena through active representation and participation in industry organizations.
  - Conduct in-person presentation and webinars.
  - Writes case studies and other technical documents.
- Supports AEC technical services including, but not limited to:
  - Product approval applications
  - ErosionWorks® design software program
  - Technical marketing
  - All testing and research projects conducted at ErosionLab and the quality and organization of all resultant data
  - Technical support to the Earth Science and Wood Fibers Divisions
  - Operation of testing facility
- Travels by vehicle or airplane.
- Maintains safe and clean working environment by complying with procedures, rules, and regulations.

- Maintains technical knowledge by attending educational workshops, reviewing technical publications, and establishing personal networks.
- Other duties may be assigned.

## **EDUCATION**

College degree in engineering, earth sciences, or other related fields preferred - or equivalent experience.

## **SKILLS**

Communication, Self-Motivated, Attention to Detail, Technical Writing, Quantitative and Qualitative Analysis, Statistics, Project Design & Management, Problem Solving, Professional Presentations, Flexibility, Regularly Lift and/or Move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 90 pounds.

## **WORK ENVIRONMENT**

While performing the duties of this job, may be exposed to outside weather conditions. Occasionally exposed to wet and/or humid conditions; moving mechanical parts; high, precarious places; and vibration. The noise level in the work environment is usually moderate.