ENTRY-LEVEL ENGINEER, TANK CARS

Posting ID: EM193244BB

Company: Association of American Railroads

Position Type: Full-Time

College Major(s): Electrical/Computer Engineering (EE/CpE), Computer Science (CS), Entertainment Engineering (EED)

Company Website: http://www.aar.org

Work Location: Washington, DC

Salary: DOE

College Level(s): Undergraduate-Senior, Alumni

OVERVIEW

Founded in 1934 and located just a few blocks from the US Capitol and the National Mall, AAR is a top-tier trade association representing major freight and passenger railroads operating in the U.S., Canada, and Mexico. In addition to representing its members on legislative and regulatory policy matters, AAR sets standards for rail cars and rail car components, certifies manufacturing and repair facilities, and audits facilities for compliance. Its research subsidiary, the Transportation Technology Center, Inc., headquartered in Pueblo, Colorado, is the world’s leading railroad research facility, undertaking cutting-edge research for railroads and their suppliers from around the world, as well as the Federal Railroad Administration. AAR’s information technology subsidiary, Railine, located in Cary, North Carolina, provides IT services to the railroad industry. For more information on AAR and its subsidiaries, see www.aar.org.

Roles and Responsibilities

The Association of American Railroads (“AAR”) is seeking an Entry-Level Engineer, Tank Cars responsible for managing and supporting tank car safety initiatives affecting the railroad industry. Specifically, the successful candidate will be responsible for:

• Applying engineering principles to tank car and tank car service equipment design submissions to determine their suitability for service as AAR approves all tank cars operating in North America and many tank car components as well;
• Using data on current fleet performance to propose design enhancements to increase the safety of the North American tank car fleet;
• Assisting the Executive Director of Tank Car Safety in preparing Tank Car Committee (TCC) dockets and minutes;
• Preparing letters implementing TCC actions; and managing projects related to tank car standards;
• Supporting and monitoring tank car service trials;
• Developing and managing a database of interpretations made by the Executive Director, Tank Car Safety.
Education and Qualifications
- Bachelor of science degree in engineering;
- Demonstrable computer skills with experience using Microsoft® Office products including Excel and Access;
- Working knowledge of computer application development and database management;
- Strong organizational skills including strict attention to detail;
- Experience in project management with ability to manage multiple projects on time;
- Strong interest in learning technical specifications, rules, and regulations;
- Excellent written and verbal communication along with demonstrable analytical abilities;
- Ability to work independently and within a team;
- Limited travel is required.

How to Apply
www.aar.org