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Fire Protection Engineering Intern

The Enviva team is driven by our shared vision for a renewable energy future. We are a fast-growing, purpose-driven, global energy company specializing in delivering sustainable wood biomass solutions. We are the world's largest producer of wood pellets, which provide a low carbon alternative to fossil fuels.

Enviva is headquartered in Bethesda, Maryland with operational headquarters in Raleigh, North Carolina. The company owns and operates manufacturing facilities in Florida, Mississippi, North Carolina, South Carolina, and Virginia. Each location is home to a team of experts dedicated to managing safety, quality, and reliability while ensuring a seamless supply of renewable products that exceed customers' expectations around the globe.

At Enviva, we value our people, our forests, and our communities. Together, we serve our customers with the professionalism of a global leader and the entrepreneurial spirit of a company that is redefining the future of renewable energy today.

Join us—and join a team with purpose.

Intern Will Learn and Be Exposed To:

- Hands-on experience with fire protection equipment and systems, including fire sprinkler systems (wet pipe, dry pipe, and preaction), fire detection and alarm systems, fire protection water underground loop systems, and spark detection and extinguishing systems;
- Combustible dust classifications, hazards, and practical application of the requirements of NFPA Codes and Standards; and
- Daily and long-term operation of an industrial manufacturing facility, and the role fire protection plays in supporting the effective and safe operation.

Responsibilities:

- Work under the direction of the Fire Protection Engineer.
- Complete site walkdown assessments of all fire protection equipment and systems currently installed.
- Document results of walkdown assessments and provide a comparison review between sites.
- Assist with installation supervision and testing of fire protection equipment and systems.
- Assist in the performance of periodic maintenance testing of fire protection equipment and systems.
- Complete design reviews of vendor submittals.

- Attend operations meetings to learn about industrial manufacturing.
- Participate in project meetings related to fire protection to provide input on design feasibility, code requirements, cost benefit analyses, and performance expectations.

Qualifications:

- Pursuance of a Bachelor's Degree or Master's Degree in Fire Protection Engineering or related major from an ABET accredited program.
- Must have a GPA of 2.5 or greater, 3.0 or greater preferred.
- Must possess a valid USA driver's license and have the ability to travel.
- Must have unrestricted work authorization.
- Must have the ability to perform inspections of industrial equipment and structures, both visually and with instruments.
- Must be willing to perform work in a heavy industrial environment.
- Must possess the ability to work in an outdoor environment.
- Must have the ability to climb ladders and scaffolds and safely work at heights.
- Must have the ability to understand and appreciate safety training specific to industrial work environments and construction hazards.
- Musts possess excellent written and verbal communication skills.
- Must have an enthusiastic attitude of taking initiative and an eagerness to learn.

Enviva is an equal opportunity employer.