

Washington Safety Management Solutions (WSMS) maintains a staff of fire protection engineers within its Oak Ridge, TN office that offers services involving fire protection technology on both a national and international level. The Oak Ridge, TN office is located in close proximity to the Great Smoky Mountains National Park, Cherokee National Forest, and the junctions of three major interstates (I-40, I-75, and I-81). The area offers a highly desirable work and living location with tremendous employee recreation and vacationing potential, is located in the geographic center of the Eastern United States, and is within a day's drive of over 50 percent of the U.S. Population and within a short drive of all East Tennessee attractions.

In order to support continued growth and expansion, the Oak Ridge office is seeking an entry-level Fire Protection Engineer to work under the guidance of our seasoned staff of fire protection engineers to provide fire hazard and life safety analyses for nuclear, industrial, and institutional clients. Applicants must have Bachelor's of Engineering Degree in Fire Protection Engineering or equivalent with the goal of becoming registered professional in Fire Protection Engineering and achieving rapid professional growth within the fire protection profession. Engineer in Training (EIT) registration and prior work history or internship experience is a plus. Work will be for multiple clients in the nuclear, industrial, and institutional arenas, and be performed primarily within the WSMS Oak Ridge Office with some limited domestic or possible international travel.

The selected candidate working in concert with WSMS senior fire protection engineers will:

- Consult with clients and/or engineers and jurisdictional authorities to define needs in problem areas.
- Perform project consulting tasks as assigned.
- Perform analyses and fire modeling as required using such analysis software as CFAST, FDS and be involved with probabilistic risk analysis.
- Conduct surveys to evaluate adequacy of protection and compliance with laws, regulations and standards. Conduct model code research and investigation.
- Recommend materials, equipment or methods for alleviation of conditions conducive to fire.
- Review designs, values, occupancy, construction features and exposures.
- Analyze data and provide loss prevention/control advice to existing and prospective customers.
- Prepare and provide reports correspondence to communicate engineering findings and recommend priorities.
- Assignments/tasks may involve the full spectrum of fire protection design and analysis.
- Exhibit a willingness to learn and develop skills outside of area of core experience and expertise associated with emergency management and hazardous material assessments.
- Have the opportunity to participate in the activities of one of the premier local Society of Fire Protection Engineers chapters, the Tennessee Valley Chapter of SFPE, as well as the national SFPE and National Fire Protection Association organizations.

WSMS is part of the Washington Group International, Energy and Environmental division. Washington Energy & Environment has been a preeminent provider of high-technology management, operations and environmental services to the United States Department of Energy and its legacy agencies since the early 1940s. The unit specializes in long-term operations and management projects at U.S. Department of Energy (DOE) nuclear sites, and also is a major supplier to the U.S. Environmental Protection Agency, and other public and private clients. Washington Group International provides the talent, innovation and proven performance to deliver integrated engineering, construction and management solutions for business and governments worldwide. With approximately 24,000 employees at work in 40 states and more than 30 countries, the company provides professional, scientific, management, and development services in more that two dozen major markets. Included among those markets are: power generation, transmission and distribution, and clean air solutions; environmental remediation; heavy civil construction; mining; nuclear services; defense, homeland security, and global threat reduction; industrial, chemical, and pharmaceutical processing; manufacturing; facilities operations and management; transportation; and water resources.

WSMS as a unit of WGI is an equal opportunity employer. Competitive salary and benefits in conjunction with rapid career growth and stable career oriented employment are offered.

All interested candidates should email this resumes to hroakridge@wsms.com