



OPERATIONAL TECHNOLOGY (OT) SECURITY ENGINEER – WILLIAMSVILLE, NY

National Fuel is currently seeking an **Operational Technology Security Engineer** for an outstanding career opportunity in our **Information Security** department located at our corporate headquarters in Williamsville, NY. As a member of the National Fuel team, you will enjoy an exciting and challenging work environment where top performance is recognized and rewarded.

PRIMARY RESPONSIBILITIES:

- Collaborate with operational stakeholders to apply current system security engineering methods, practices and technologies to the architecture, design, development, evaluation and integration of operational technology (OT) systems and networks to maintain appropriate security and risk mitigation.
- Apply and maintain security policies to ensure appropriate governance over the OT information security program, including building, operational plans, at the tactical, operational and strategic level.
- Proven experience in developing and leveraging metrics to enable an effective program
- Proven ability to implement end-to-end cybersecurity programs, with a strong predisposition towards execution and delivery in the IoT/OT space
- Proven ability to develop and deploy mitigation, remediation and ongoing oversight programs to address OT-related information security risks.
- Track, categorize and catalog known exceptions to the OT information security control environment and ensure compensating practices are implemented
- Leverage industry leading frameworks and methodologies to ensure consistency and cross-industry alignment with best practices
- Deploy cybersecurity automation tools as a force-multiplier(s) in identifying, managing and dispositioning potential OT security events
- Identify and deploy machine learning (ML) and artificial intelligence (AI) to proactively recognize trends and anomalies across the environment
- Participate in the incident response program for timely identification, response and remediation of OT-related information security incidents
- Assist in the development of comprehensive playbooks to ensure processes, roles and responsibilities are clearly articulated to enable a rapid response to an information security incident in the OT environment
- Employ and maintain tools and technologies that are tuned and enabling a proactive OT information security control landscape.
- Develop resiliency in OT security operations to enable ongoing processes in the event of a cyberattack
- Work with government, professional and industry groups and consortiums to ensure a diverse and well-understood approach to OT information security operations
- Engage with internal stakeholders and third-party partners to validate the OT information security program mitigates potential risk and can recover from an event at National Fuel
- Provide support and security standards for programmable logic controllers (PLC), distributed process control systems (DCS), human machine interfaces (HMI), Historian data logging and reporting, and associated instrumentation

MINIMUM QUALIFICATIONS:

- Bachelor's Degree (Computer Science, Electrical Engineering, Information Security)
- Information Security and/or Electrical Engineering with 4-10 years of field experience
- CompTIA (Preferred)
- Experience in Controls and Automation Engineering.
- Experience in PLC programming and HMI based control systems as well as data communication and network systems.
- Strong oral and written communication skills, proven technical abilities and strong computer skills.
- Ability to work independently as well as within a team environment.
- Time management and multi-tasking abilities are essential to success in this position.
- Flexible hours and day travel to company facilities and project sites throughout Western NY and Northwest/Central PA.

ABOUT NATIONAL FUEL:

National Fuel is a diversified energy company headquartered near Buffalo, NY. Our employees continue to be the most important part of our Company and have made us who we are today. We are dedicated to the communities in which we live and work and have nearly 2,000 employees in Western NY and Northwest PA. National Fuel is proud to have an inclusive workplace where diversity is valued, hard work is rewarded and promotion from within is supported. We offer exciting career opportunities for talented and ambitious job seekers and encourage you to apply today.

COMPENSATION AND BENEFITS:

The rate of pay will be commensurate with experience.

National Fuel offers a comprehensive benefits package including the following:

- Medical and Prescription Drug Coverage
- Paid Company Holidays



- Dental Coverage
- Vision Coverage
- 401(k) with Company Match
- Company Funded Retirement Savings Account
- Flexible Work Schedule
- Paid Time Off
- Parental Leave for Mothers and Fathers
- Tuition Reimbursement
- Life Insurance
- Long Term Disability Insurance
- Flexible Spending Account
- Charitable Giving Programs

HOW TO APPLY

Any candidate offered a position with National Fuel Gas will be required to successfully complete a pre-employment drug test. For confidential consideration, please submit your resume and cover letter (preferably in PDF format) by **April 19, 2022**, to jobs@natfuel.com. Please reference position #22-027NY in the subject line of your email. Attachments with a .docm extension will not be accepted.

National Fuel
#22-027NY
jobs@natfuel.com

National Fuel is a proud equal employment opportunity employer. We believe our differences makes us all better, pushing us to look at things differently while enriching our own personal life experiences. That's why we're committed to building a diverse workforce and an equitable and inclusive work environment.

We celebrate diversity and do not discriminate based on race, color, religion, sex, gender, gender identity, gender expression, sexual orientation, national origin, disability, veteran status, or any other legally protected basis.