



Andy Burch

Manager of Training
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HSI Industrial Skills

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With more than two decades of solid training experience, Andy is responsible for online, distance, and classroom training content development. As Manager of Training Services, he works to ensure NERC Standards are updated in training content, coordinates the development of the simulator and the accompanying lessons, and assists in establishing compliance systems. In addition, Andy manages classroom instructors as they design, facilitate, and deliver training programs.

Andy shared some insights into his career, current position, and past accomplishments below:

When and why did you decide to pursue a career in your field?

As an Engineering Physics major in college, I applied for the Navy's Nuclear Power Officer Program and was accepted. The Nuclear Navy is where I learned the importance of training to task. Being prepared to act in an emergency is critical in the Navy and just as important in the power industry.

What do you like best about your job?

I enjoy meeting people from all over the country. I like preparing them for the NERC certification exam and helping them learn new concepts and procedures that relate to their jobs.

What project are you most proud of?

In 2020, I led a team of SMEs in developing a new power grid simulator and accompanying online training modules. This new simulator was an upgrade from the old one we used in training for many years. The new simulator incorporates a much better user interface and includes renewable generation elements.

How has your job changed over the past few years?

The basic theory of electricity never changes but we are seeing changes to the electric grid due to the integration of renewables and other technology advances. We must constantly update training to keep up with these changes. Also, due to the pandemic, the way we train and the tools we use in our training courses have changed with more training being delivered through distance learning.



Give one word that describes you best.

Driven

What motivates you?

I'm motivated by seeing students succeed at passing the NERC Certification exam and knowing that we helped them achieve that goal. Whether it's working one-on-one with a student who's having difficulty understanding a concept, developing and implementing simulator scenarios, or finding creative ways to present content in class, my goal is to be an effective instructor for our industry.

About HSI

HSI is your single-source partner for EHS, Compliance, and Professional Development solutions. HSI provides integrated e-learning content, training solutions, and cloud-based software designed to enable your business to improve safety, operations, and employee development. Across all industries, HSI helps safety managers, and technical employees, human resources, first responders, and operational leaders train and develop their workforce, keep workers safe, and meet regulatory and operational compliance requirements. HSI's focus is on training, software, and services for safety and compliance, workforce development, industrial skills, and emergency care. HSI is a unique partner that offers a suite of cloud-based software solutions including learning management, safety management, chemical SDS management, and more, integrated with content and training so businesses can not only monitor and manage multiple workflows in one system, but train employees via one partner.

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