



SOUTH CAROLINA STATE FIRE

Industry Training News Brief

July 2020

Battalion Chief
Kristie Watson

Coordinator,
Industrial Training

1-800-896-1070

SCFA-Industry@llr.sc.gov

South Carolina Fire Academy
141 Monticello Trail
Columbia, SC 29203



Twitter:
@SCStateFire
@SCStateFM
@SCDLLR



Facebook:
South Carolina State Fire

Visit us on the web:
<http://statefire.llr.sc.gov>



Fire Academy Adds New Training Props

The past six months have been busy for State Fire’s Industry Training Section. In between classes (on and off campus), customer site visits, and the COVID-19 pandemic, we have added several new training props and upgrades.



Captain Mark George demonstrates use of the new grated prop on the extinguisher pad.

LP Building Upgrades: Four new fire options have been added. Specifically, a ventilation duct has been installed that runs to the roof to a vent motor unit. The duct has multiple access points that simulate filters or clean-outs that students may have to check for fire extension. The roof’s vent motor unit has a propane-fed fire that students must gain access to and extinguish. This roof unit can also be used as an A/C unit students must gain access to via interior and exterior options. Additionally, a static fire in a large pump and a pressurized fire simulating an interior line or flange rupture has been installed. All of the fires in and on the LP building can be extinguished with hand lines or CO2 extinguishers.

Extinguisher Pad: A challenging grated prop has been installed. It requires critical skills thinking and students’ knowledge of the proper use of a fire extinguisher.

Forklift Prop: The forklift prop is ready to use. This prop has an engine fire and relief valve on the LP tank allowing for different approach options based on the scenario.

Our team has also started using different approach options on the gas props and added an emphasis on efficient hose deployment. These options are based on limited response personnel many facilities face.

As always, we will customize any of our courses based on your needs. Please contact us if we can assist with training.

2020 Course Catalog

Schedule a site visit to get a printed copy, or [click here](#) to download from our website.

Dormitory Renovations Complete

State Fire recently completed a multi-million dollar dormitory renovation. The top-to-bottom renovations include newly paved parking areas, a hotel-like lobby, new room furnishings, a laundry room, and an expanded gym with new equipment.

Room Rates: Single occupancy \$30/night and double occupancy \$15/night. Students select a dorm room option during the course registration process.



State Fire Partner Hotel

In the event our dormitory is full or unavailable, State Fire has arranged a negotiated partner hotel rate for customers attending classes/conferences on our campus.

The \$113/night rate:

- Is valid for calendar year 2020.
- Falls within the GSA reimbursable allowed rate.
- Includes breakfast.

DoubleTree Columbia by Hilton
2100 Bush River Road
Columbia, South Carolina, 29210

Two ways to make your reservation:

- Call: 803-731-0300 and mention group: South Carolina State Fire #0002765133
- Book Online: URL must be copied and pasted to work correctly

https://secure3.hilton.com/en_US/dt/reservation/book.htm?ctyhocn=CAECSDT&corporateCode=0002765133&from=lnrlink

Meet Mark George

Captain Mark George began his fire service career in 1980 and retired from the Columbia Fire Department in 2007 as a 13-year Captain.

He has been a fire service instructor since the early 1990s with municipal fire and industrial brigades.

Captain George is currently an Industrial Program Coordinator and full-time instructor with the South Carolina Fire Academy.



Customer Profile: Dominion Energy

Dominion Energy has been in operation at its Lake Monticello site for nearly four decades. During this time, their fire brigade has continuously trained at the South Carolina State Fire Academy. Of their 60-member fire brigade, nearly a third volunteer as firefighters/chief officers in their communities.

Training for Dominion Energy is facilitated by two of its employees: Doug Foreman, Fire Brigade Program Lead/Nuclear Operations Training Instructor and Jody Hostetler, Nuclear Operations Training Instructor.

The fire brigade not only train on site at the Academy, they also conduct on-site quarterly drills that include individual member evaluations.

Hostetler shared his ideas regarding how the Academy could assist them with future training needs. He recommended translating industrial needs into nuclear friendly industrial training. The first step to accomplish this development is two-fold. Dominion is adapting the floor plans for their training props into working floor plans, similar to what they use on-site as part of their response. Our portion encompasses re-labeling buildings to include North, West, East, and South designations instead of the commonly used A, B, C, and D. The Academy will also label certain areas on the training grounds with sea level designations - as that is commonly used in industrial settings.

Thank you, Dominion Energy, for your continued support.



Dominion Energy students working at the flange prop at the South Carolina Fire Academy.

Upcoming Open Enrollment Classes

The following open enrollment classes are scheduled to be held on the South Carolina Fire Academy campus during the remainder of 2020.

Space is limited, so please register your students as soon as possible.

Course: 9124-Initial Fire Brigade

Hours: 40 hours

Description: This course trains students to perform the necessary skills associated with interior firefighting. It consists of classroom presentations with emphasis on hands-on drills to reinforce skills. Topics include protective equipment, in depth use of SCBA, fire extinguishers, search and rescue, fire streams, interior fire attack principles and live fire exercises that utilize the computerized propane-fueled burn building or class A burn building. Provides the fundamental skills needed to deal with fires involving flammable liquids and gases. The program content includes physical and chemical properties of fuels, storage and uses, and fire attack techniques for these fuels including foam application.

Dates: September 21 – 26, 2020 and November 16 – 20, 2020

Registration Details: Email a completed [SCFA registration form](#), including the course code, course name and date of the class, to: SCFA-Industry@llr.sc.gov



The campus store, located just beyond the entrance to the cafeteria, is restocked and has a full-line of inventory, including polo shirts, T-shirts, and other assorted items. Please visit our store during breakfast and lunch hours.

EMS Training Spotlight: Fujifilm

State Fire values its relationships with industry customers. Collaborative customization allows State Fire a unique opportunity to create and deliver useful, life-saving, and innovative training programs. The following article was contributed by one of our long-standing and valuable customers.



Brandon Burdette, Emergency Response Coordinator

Fujifilm regards employees as its most valuable asset and from a global standpoint promotion of worker occupational safety and health is the most important foundation of its corporate activities. FUJIFILM Manufacturing U.S.A., Inc. has developed a strong safety culture at the company's 500-acre campus in Greenwood, SC. The campus boasts five state-of-the-art manufacturing facilities, Purchasing, Accounting, and IT shared services for Fujifilm's North American businesses, and Fujifilm's largest distribution center in the world. Employment ranges from over 800 full-time Fujifilm workers to roughly 2,000 for the months of October – December when the Personalized Photographic Products Group (PPPG) ramps up for seasonal production.

With the rising threat of opioid use Brandon Burdette, Emergency Response Coordinator, led the efforts in preparing the company to better respond to potential overdose victims who could be discovered in the workplace.

Initially local instructors for the Reducing Opioid Loss of Life (ROLL) program, through South Carolina's Department of Health and Environmental Control (DHEC) and Fire Academy, came to Fujifilm's campus and trained first responders as well as any other associates interested in the training. Burdette then gained his ROLL instructor certificate with the plan to be positioned to train current and future emergency response team members.

Fujifilm's emergency response team members are able to quickly respond to incidents, arriving on scene 15 minutes before local fire or EMS. Consequently, having the access to and ability to administer Naloxone greatly enhances the team's potential to provide critical treatment quickly and, hopefully, save lives. However, because an industrial response team is not specifically covered in the South Carolina Overdose Prevention Act, under advisement of DHEC, Burdette's training program addresses actions covered from the Act - not only for first responders, but caregivers as well. In addition to creating the training, Burdette developed the company policy for Naloxone administration and storage. Currently, Fujifilm is investigating the steps needed to acquire Naloxone for deployment in jump kits and nurses' stations.



FUJIFILM Manufacturing's 500-acre campus in Greenwood, SC.

Developing this training program, in alignment with the ROLL program offered through the Academy, and obtaining the permit to make Naloxone available for use at Fujifilm's campus addresses one of the company's long-term Sustainable Development Goals. Solving social issues through business activities is identified in Fujifilm's global Corporate Social Responsibility plan and addressing the potential effects of the opioid epidemic in the workplace promotes not only company wellness and safety, but also has an effect on community health as well.