



KRISTEN L. LUSSIER
STAFF CONSULTANT

kllussier@engsys.com

As Staff Consultant in the fire and explosion practice, Kristen investigates fire and explosion incidents across the United States with Engineering Systems Inc. (ESi).

Prior to joining ESi in 2019, she worked for 5 years as a Controls Engineer with Fiat Chrysler Automobiles in the HVAC and heated seat control group. While there her work focused on designing, developing, and troubleshooting a variety of HVAC and heated seat systems in FCA vehicles.

Since joining ESi, Kristen has been involved in investigations regarding fires and explosions related to a variety of industries including automotive, residential, and consumer products. She is a skilled problem solver and leverages the diverse resources of ESi to solve complex problems.

Kristen is active in technical and professional societies and has completed many training courses.

Areas of Specialization

Heavy Equipment Fires
Residential Fires & Explosions
Vehicle Fires
Fire Protection Systems
HVAC Systems

Education

B.S., Mechanical Engineering and Mathematics (Cum Laude), Tufts University, 2013

April 2019

Professional Affiliations/Honors

FIRST Robotics

Team 910 mentor, 2018-Present

Society of Women Engineers

Member

Positions Held

Engineering Systems Inc., Conroe, TX

Staff Consultant, 2019 – Present

Fiat Chrysler Automobiles, Auburn Hills, MI

HVAC and Heated Seat Controls Engineer 2013-2018

Continued Education

Accreditation, Certification, and Certificates, CFITrainer.net, 2019

An Analysis of The Station Nightclub Fire, CFITrainer.net, 2019

Arc Mapping Basics, CFITrainer.net, 2019

Charleston Sofa Super Store Fire, CFITrainer.net, 2019

Basic Electricity, CFITrainer.net, 2019

Critical Thinking Solves Cases, CFITrainer.net, 2019

Digital Photography and the Fire Investigator, CFITrainer.net, 2019

Documenting the Event, CFITrainer.net, 2019

Introduction to Evidence, CFITrainer.net, 2019

Airplane Electrical Power Generation, Systems & Installations, Engineering Systems Inc., Doug Barovsky, 2019

NRTLs in the Forensic World, Engineering Systems Inc., Perry Hopkins, 2019

Cargo Vessel MV Courage Vehicle Fire, Engineering Systems Inc., Hernan Mercado, 2019

Case Study – Bottle Rockets, Engineering Systems Inc., Michael Pratt, 2019

VOC Detection Camera, Engineering Systems Inc., Matt Wilbur, 2019

Self-Heating, Engineering Systems Inc., Dale Mann, 2019

Case Study – Oil Field Fires, Engineering Systems Inc., Michael Craddock, 2019

Case Study – Williams v. CenterPoint, Engineering Systems Inc., Amy Gray, 2019

Gas Dispersion Analysis, Engineering Systems Inc., Shireen Afshan, 2019



Kristen L. Lussier
April 2019

29 CFR 1910.120 Hazardous Waste Operations & Emergency Response, Engineering Systems Inc.,
Scott Dillon, 2019