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TYLER E. WENDT, CFEI
SENIOR STAFF CONSULTANT

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Tyler Wendt is a Senior Staff Consultant for ESI. Tyler holds dual Bachelor of Science degrees in Fire Protection and Safety Engineering Technology and Fire, Arson, and Explosion Investigation from Eastern Kentucky University, as well as a Graduate Certificate in Fire Protection Engineering from California Polytechnic State University. Tyler is a Certified Fire and Explosion Investigator through the National Association of Fire Investigators. He conducts forensic engineering analysis and the origin and cause of fire and explosion investigations, as well as fire protection system, electrical, and mechanical system failure analysis involving residences, commercial properties, and vehicles. He has also examined failures to determine the cause of losses involving water. Additionally, he has experience in fire and life safety evaluations, fire suppression and alarm system design, code consulting, plan review and computer aided drafting. He provides technical and litigation support to insurance companies, law firms, property developers, property managers, engineering firms and industrial companies.

Areas of Specialization

Fire and Explosion Investigations
Fire Protection and Alarm Systems
Fire Sprinkler Systems
Life Safety Systems
Industrial, Chemical and Agricultural Facility Incident Investigation

Education

Graduate Certificate in Fire Protection Engineering, California Polytechnic State University, San Luis Obispo, CA, 2019.
B.S. in Fire Protection and Safety Engineering Technology and Fire, Arson, and Explosion Investigation (Dual Degree), Eastern Kentucky University, Richmond, KY, 2017, Summa Cum Laude.

Licenses/Certifications

NAFI Certified Fire and Explosion Investigator (CFEI)

Professional Affiliations/Honors

National Association of Fire Investigators (NAFI) – Member
Society of Fire Protection Engineers (SFPE) – Member
National Fire Protection Association (NFPA) – Member
EKU Association of Fire Science Technicians – Past President



Positions Held

Engineering Systems Inc., Plymouth, Minnesota

Senior Staff Consultant, 2022 – Present

Jensen Hughes, New York, New York

Staff Consultant, 2017 – 2022

New Jersey State Division of Fire Safety, Trenton, New Jersey

Intern, 2015

Country Road Automotive, Lincoln Park, New Jersey

Shop Hand, 2012 – 2014

Boonton Fire Department, Boonton, New Jersey

Captain, 2022 – Present

Lieutenant, 2018 – 2021

Firefighter, 2013 – 2018

Kirksville Volunteer Fire Department, Kirksville, Kentucky

Captain, 2016 – 2017

Firefighter, 2014 – 2016