

Mr. Tyler Wendt is a Senior Consultant for ESI. Mr. Wendt has extensive experience across a broad array of project types including fire protection systems, fire and explosion investigations, and multi-disciplined engineering analyses. He is a licensed professional engineer in fire protection and Certified Fire and Explosion Investigator. He holds dual Bachelor of Science degrees in Fire Protection and Safety Engineering Technology and Fire, Arson, and Explosion Investigation from Eastern Kentucky University. His fire protection experience includes fire suppression and alarm system design and analysis, repair methodology, code compliance review, and life safety review. Mr. Wendt also 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. He provides technical and litigation support to insurance companies, law firms, property developers, property managers, engineering firms and industrial companies.

Education

Graduate Certificate in Fire Protection Engineering, California Polytechnic State University, San Luis Obispo, CA, 2019

BS, 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

- State of New Jersey PE License No. 24GE06142200
- NAFI Certified Fire and Explosion Investigator (CFEI)

Positions Held

Engineering Systems Inc., Lincoln Park, NJ

- Senior Consultant, 2026-present

Contact Information

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New Jersey, NJ 07035

Areas of Specialization

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

- Senior Staff Consultant, 2022-2025

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

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
