

David Steward, CFEI

Origin and Cause Investigator

Engineering Technician

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AFFILIATIONS:

MEMBER – National Association of Fire Investigators (NAFI)

MEMBER – International Association of Arson Investigators (IAAI)

MEMBER – National Fire Protection Assosiacton (NFPA)

EXPERIENCE:

Goodson Engineering, Origin and Cause Investigator, Denton, TX June 2025 – Present

Goodson Engineering, Engineering Technician, Denton, TX, August 2023 – Present

CERTIFICATIONS:

NAFI Certified Fire & Explosion Investigator (CFEI) – Jun. 2025

IAAI Evidence Collection Technician (ECT) – Jun. 2025

IAAI Fire Investigation Technician (FIT) – Jun. 2025

OSHA Forklift Operator Certification – Aug. 24 2023

EDUCATION:

Texas Tech University, coursework toward Bachelor of Science Civil Engineering

CONTINUING EDUCATION:

Lightning Fire Cause Investigation, IAAI, CFITrainer.net, Jun. 2026

Lightning Behavior Fundamentals, IAAI, CFITrainer.net, Jun. 2026

Fire Investigation Training Program, NAFI, Tempe, AZ, Jun. 2025

Writing the Initial Origin and Cause Report, IAAI, CFITrainer.net, Jan. 2024

Effective Investigation and Testimony, IAAI, CFITrainer.net, Jan. 2024

Principles of Fire Investigation (67 Tested Hours), IAAI, CFITrainer.net, Jan. 2024

Fire Effects Part 2: Combustion By-products Effects, IAAI, CFITrainer.net, Oct. 2023

Fire Effects Part 1: Heat Effects on Fuels, IAAI, CFITrainer.net, Sept. 2023

Introduction to Fire Dynamics and Modeling, IAAI, CFITrainer.net, Sept. 2023

Using Arc Mapping, IAAI, CFITrainer.net, Sept. 2023

Electrical Safety, IAAI, CFITrainer.net, Sept. 2023

Basic Electricity, IAAI, CFITrainer.net, Sept. 2023

Evidence Examination: What Happens at the Lab? , IAAI, CFITrainer.net, Sept. 2023

DNA, IAAI, CFITrainer.net, Sept. 2023

Practical Application of the Relationship Between NFPA 1033 and NFPA 921, IAAI,

CFITrainer.net, Sept. 2023

EQUIPMENT:

Scanning Electron Microscopy (JEOL JSM-IT500 w/ EDS)

CT Scan/XRAY Inspection (Nikon Metrology X-Tek XT H 225)

Optical Microscopy (Lecia MZ 75 Microscope)

Portable X-RAY Source (Golden Engineering XRS3 Pulsed X-RAY Source with ScanX Scout)