

## **CURRICULUM VITAE KHESAHN “KC” HESTER, CFI**

### **AREA OF SPECIALIZATION:**

Certified Fire Investigator

### **BACKGROUND:**

Mr. Hester has over 16 years of professional experience in the fire service, serving in various capacities. He is also a Fire Investigator with Fire Cause Analysis. Mr. Hester is a member of the Orange County Regional Arson Taskforce and a Terrorism Liaison Officer with the Fountain Valley Fire Department. He is an active member of the International Association of Arson Investigators, National Code Service Association and California Conference of Arson Investigators. Mr. Hester is a California State Fire Marshal’s Office Certified Level II Fire Investigator and Fire Officer Certified. He is also a Certified Forensic Fire Investigator with National Code Service Association.

Mr. Hester is qualified to investigate fire scenes and explosions, locate the seat of the explosion or point of origin, determine the cause, collect and record samples for laboratory analysis. Prepare investigation reports containing cause and origin analysis, witness statements, photographs, diagrams, video when required, along with any other additional components. Conducts complete background investigations, surveillance, interview witnesses and is capable of giving expert testimony as to the results of these investigations. Conduct hazardous materials investigations of fires, spills, leaks and illegal discharges. A systematic approach using the Scientific Method as outlined in NFPA 921 is utilized when performing fire scene investigations.

### **PROFESSIONAL EXPERIENCE:**

Sixteen (16) years of progressive experience with the Fountain Valley Fire Department  
Twelve (12) years in Fire and Arson Investigation with the Fountain Valley Fire Department  
Fourteen (14) years as Mapping Coordinator with the Fountain Valley Fire Department  
Seven (7) year as Terrorism Liaison Officer with the Fountain Valley Fire Department

Investigation of over 200 fires, including Structures, Vehicles, Wildland, Flammable Bombs, Explosive Devices, and other miscellaneous incidents, both accidental and incendiary.

**EDUCATION:**

AA degree in Fire Science, Santa Ana College, Santa Ana, CA., June 2008

High School Graduate, Ocean View High School, Huntington Beach, CA., June 1995

**LICENSES AND CERTIFICATIONS:**

Basic Fire Academy - Rio Hondo College

Certified Fire Investigator I - California State Fire Marshal's Office

Certified Fire Investigator II - California State Fire Marshal's Office

Certified Forensic Fire Investigator - National Code Service Association

Certified Fire Officer - California State Fire Marshal's Office

Certified Firefighter 1 - California State Fire Marshal's Office

Certified Firefighter 2 - California State Fire Marshal's Office

Fire Administration - Santa Ana College

Fire Technology/Public Fire Service - Santa Ana College

Emergency Medical Technical Paramedic - State of California

**SPECIALIZED TRAINING:**

Public Agency Training Council - New Fire/Arson Investigator Academy (2006)

California Conference of Arson Investigators - Fire Origin & Cause of Wildland Fires (2007)

California Conference of Arson Investigators - Fire/Arson Investigation (2006)

California Conference of Arson Investigators - Fire/Arson Investigation (2008)

Riverside County Arson Task Force - Interview and Interrogation (2009)

California State Fire Training - Fire Investigation 1A Origin and Case Determination (2005)

California State Fire Training - Fire Investigation 1B Techniques of Fire Investigation (2006)

California State Fire Training - Fire Investigation 2A Criminal and Legal Procedures (2007)

California State Fire Training - Fire Investigation 2B Field Case Studies (2007)

POST - PC832 Arrest and Firearms

Terrorism Liaison Officer Basic (2010)

Terrorism Liaison Officer Intermediate (2010)

Terrorism Liaison Officer Advance - Internet Intelligence (2010)

Terrorism Liaison Officer Advance - Terrorist Activity and Subversive Behavior (2010)

California Conference of Arson Investigators - Vehicle Fires (2009)

Costa Mesa Police Department - California Law Enforcement Telecommunication System

Orange County Arson Task Force - Fire Report Writing (2010)

Orange County Arson Task Force - Cell Phone Investigation (2010)

Orange County Arson Task Force - Surveillance (2010)

Orange County Arson Task Force - NFPA 921 2008 Update (2011)

Orange County Arson Task Force - Fire Scene Photography (2011)

International Association of Arson Investigators - Arc Mapping Basic (2011)

International Association of Arson Investigators - Ventilation Focused Approach to the Impact of Building Structures and Systems (2011)

International Association of Arson Investigators - Analysis of the Station Nightclub Fire (2011)

International Association of Arson Investigators - Critical Thinking Solves Cases (2011)

International Association of Arson Investigators - Digital Photography and the Fire Investigator

International Association of Arson Investigators - DNA (2011)

International Association of Arson Investigators - Documenting the Event (2011)

International Association of Arson Investigators - Effective Investigation and Testimony (2011)

International Association of Arson Investigators - Electrical Safety (2011)

International Association of Arson Investigators - Ethics and the Fire Investigator (2011)

International Association of Arson Investigators - Evidence Examination: What Happens at the Lab? (2011)

International Association of Arson Investigators - Explosion Dynamics (2011)

International Association of Arson Investigators - Fire and Explosion Investigations: Utilizing NFPA 1033 and 921(2011)

International Association of Arson Investigators - Fire Dynamics Calculations (2011)

International Association of Arson Investigators - Fire Investigator Scene Safety (2011)

International Association of Arson Investigators - Fundamentals of Interviewing (2011)

International Association of Arson Investigators - Fundamentals of Residential Building Construction (2011)

International Association of Arson Investigators - How First Responders Impact the Fire Investigation (2011)

International Association of Arson Investigators - Insurance and the Fire Investigation (2011)

International Association of Arson Investigators - Introduction to Evidence (2011)

International Association of Arson Investigators - Introduction to Fire Dynamics and Modeling (2011)

International Association of Arson Investigators - Investigating Motor Vehicle Fires (2011)

International Association of Arson Investigators - MagneTek: A Case in the Daubert Challenge (2011)

International Association of Arson Investigators - Managing Complex Fire Scene Investigations (2011)

International Association of Arson Investigators - Motive, Means, and Opportunity: Determining Responsibility in an Arson (2011)

International Association of Arson Investigators - Physical Evidence at the Fire Scene (2011)

International Association of Arson Investigators - Post Flashover Fires (2011)

International Association of Arson Investigators - Preparation for the Marine Fire Scene (2011)

International Association of Arson Investigators - Search and Seizure (2011)

International Association of Arson Investigators - The HAZWOPER Standard (2011)

International Association of Arson Investigators - The Scientific Method of Fire and Explosion Investigation (2011)  
International Association of Arson Investigators - Understanding Fire Through the Candle Experiments (2011)  
International Association of Arson Investigators - Vacant and Abandoned Buildings: Hazards and Solutions (2011)  
International Association of Arson Investigators - Wildland Fire Investigation (2011)  
International Association of Arson Investigators - Charleston Sofa Super Store Fire (2011)  
International Association of Arson Investigators - Fire Protection Systems (2011)  
International Association of Arson Investigators - Communicating the Value of Membership in the IAAI (2012)  
International Association of Arson Investigators - Writing the Initial Origin and Cause Report (2012)  
International Association of Arson Investigators - Using Resources to Validate your Hypothesis (2012)  
International Association of Arson Investigators - The Practical Application of the Relationship Between NFPA 1033 and NFPA 921 (2012)  
International Association of Arson Investigators - NFPA 1033 and NFPA 921 2014 Editions Important Revisions (2012)  
International Association of Arson Investigators - Ethics & Social Media (2014)  
National Code Service Association - NFPA 921 Overview & Certification (2014)  
International Association of Arson Investigators - Basic Electricity (2014)  
International Association of Arson Investigators – Residential Electrical Systems (2014)  
Numerous other related classes

**TEST BURNS:**

California Conference of Arson Investigators - Vehicle Fire  
California State Fire Training - Structure Fire  
Orange County Arson Task Force - Electrical Fire  
Orange County Arson Task Force - Vehicle Fire  
Orange County Arson Task Force - House Fire  
City of Santa Ana - Structure Fire  
City of Huntington Beach - Structure Fire  
City of Huntington Beach - Flashover Chamber  
California Conference of Arson Investigators - Electrical Fire  
California Conference of Arson Investigators - Wildland Fire

**PROFESSIONAL AFFILIATIONS:**

California Conference of Arson Investigators  
Orange County Arson Task Force  
National Code Services Association