

CURRICULUM VITAE

KHESAHN 'KC' HESTER

IAAI-CFI®

Mr. Hester is professionally qualified to investigate the origin and cause of fires explosions, collect and record samples for laboratory analysis. He prepares investigation reports containing origin and cause data collection, analysis, and hypothesis development. Mr. Hester conducts witness statements, documents the incident scene through photographs, diagrams, and video. He conducts complete background investigations, and surveillance. Mr. Hester has provided expert testimony as to the results of his investigations. He conducts hazardous materials investigations of fires, spills, leaks, and illegal discharges. Mr. Hester follows a systematic approach using the scientific method as outlined in NFPA 921 during fire and explosion investigations. He has investigated over 800 fires, including structures, vehicles, wildland, flammable bombs, and explosive devices.

Professional Experience

- **Certified Fire and Explosion Investigator**, Fire Cause Analysis, Berkeley, CA 01/2014 to present
- Fountain Valley Fire Department, nineteen (19) years of progressive experience
- **Fire and Arson Investigator**, Fountain Valley Fire Department, thirteen (13) years
- **Mapping Coordinator**, Fountain Valley Fire Department, sixteen (16) years
- **Terrorism liaison Officer**, Fountain Valley Fire Department, eleven (11) years

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

FIRE INVESTIGATION - FORENSICS - FIRE SCIENCE & ENGINEERING

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Oregon, South Dakota, Washington

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Professional Designations and Certifications

- Certified Fire Investigator, #22-1115111 International Association of Arson Investigators
- 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 Technician Paramedic State of California
- Rescue System I & II
- Confined Space Rescue Technician
- Trench Rescue Technician
- HazMat First Responder
- Engine/Crew Boss Trainee National Wildfire Coordinating Group
- Basic Fire Academy - Rio Hondo College

Professional Licenses

- Private Investigator
 - Arizona license #1733615
 - California license # PI11582
 - Nevada License # R-2018-04677

Professional Associations

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

Deposition and Trial Testimony

- Residence Mutual Insurance Company, Plaintiff v. Electrolux Inc., Defendant

Case: 30-2013-00626397-CU-PO-CJC
Deposition on 12/5/2013

- Michael Habib, Defendant v. Caltrans, Plaintiff
Case: 16-2211
Bench Trial on 11/6/19
- Octavio Lopez, Plaintiff v. National General Insurance Company, Defendant
Case: RIC1808643
Deposition on 8/1/19
- Octavio Lopez, Plaintiff v. National General Insurance Company, Defendant
Case: RIC1808643
Jury Trial on 11/19/19

Professional Development

- Public Agency Training Council - New Fire/Arson Investigator Academy (2006) - Tested
- California Conference of Arson Investigators - Fire Origin & Cause of Wildland Fires (2007) - Tested
- California Conference of Arson Investigators - Fire/Arson Investigation (2006)) - Tested
- California Conference of Arson Investigators - Fire/Arson Investigation (2008) - Tested
- Riverside County Arson Task Force - Interview and Interrogation (2009)
- California State Fire Training - Fire Investigation 1A Origin and Case Determination (2005) - Tested
- California State Fire Training - Fire Investigation 1B Techniques of Fire Investigation (2006) - Tested
- California State Fire Training - Fire Investigation 2A Criminal and Legal Procedures (2007) - Tested
- California State Fire Training - Fire Investigation 2B Field Case Studies (2007) - Tested
- POST - PC832 Arrest and Firearms - Tested
- 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) - Tested
- Costa Mesa Police Department - California Law Enforcement Telecommunication System - Tested
- 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) - Tested
- International Association of Arson Investigators - Ventilation Focused Approach to the Impact of Building Structures and Systems (2011) - Tested
- International Association of Arson Investigators - Analysis of the Station Nightclub Fire (2011) - Tested
- International Association of Arson Investigators - Critical Thinking Solves Cases (2011) - Tested
- International Association of Arson Investigators - Digital Photography and the Fire Investigator - Tested
- International Association of Arson Investigators - DNA (2011) - Tested
- International Association of Arson Investigators - Documenting the Event (2011) - Tested
- International Association of Arson Investigators - Effective Investigation and Testimony (2011) - Tested
- International Association of Arson Investigators - Electrical Safety (2011) - Tested
- International Association of Arson Investigators - Ethics and the Fire Investigator (2011) - Tested
- International Association of Arson Investigators - Evidence Examination: What Happens at the Lab? (2011) - Tested
- International Association of Arson Investigators - Explosion Dynamics (2011) - Tested
- International Association of Arson Investigators - Fire and Explosion Investigations: Utilizing NFPA 1033 and 921(2011) - Tested
- International Association of Arson Investigators - Fire Dynamics Calculations (2011) - Tested
- International Association of Arson Investigators - Fire Investigator Scene Safety (2011) - Tested
- International Association of Arson Investigators - Fundamentals of Interviewing (2011) - Tested
- International Association of Arson Investigators - Fundamentals of Residential Building Construction (2011) - Tested
- International Association of Arson Investigators - How First Responders Impact the Fire Investigation (2011) - Tested

- International Association of Arson Investigators - Insurance and the Fire Investigation (2011) - Tested
- International Association of Arson Investigators - Introduction to Evidence (2011) - Tested
- International Association of Arson Investigators - Introduction to Fire Dynamics and Modeling (2011) - Tested
- International Association of Arson Investigators - Investigating Motor Vehicle Fires (2011) - Tested
- International Association of Arson Investigators - MagneTek: A Case in the Daubert Challenge (2011) - Tested
- International Association of Arson Investigators - Managing Complex Fire Scene Investigations (2011) - Tested
- International Association of Arson Investigators - Motive, Means, and Opportunity: Determining Responsibility in an Arson (2011) - Tested
- International Association of Arson Investigators - Physical Evidence at the Fire Scene (2011) - Tested
- International Association of Arson Investigators - Post Flashover Fires (2011) - Tested
- International Association of Arson Investigators - Preparation for the Marine Fire Scene (2011) - Tested
- International Association of Arson Investigators - Search and Seizure (2011) - Tested
- International Association of Arson Investigators - The HAZWOPER Standard (2011) - Tested
- International Association of Arson Investigators - The Scientific Method of Fire and Explosion Investigation (2011) - Tested
- International Association of Arson Investigators - Understanding Fire Through the Candle Experiments (2011) - Tested
- International Association of Arson Investigators - Vacant and Abandoned Buildings: Hazards and Solutions (2011) - Tested
- International Association of Arson Investigators - Wildland Fire Investigation (2011) - Tested
- International Association of Arson Investigators - Charleston Sofa Super Store Fire (2011) - Tested
- International Association of Arson Investigators - Fire Protection Systems (2011) - Tested
- International Association of Arson Investigators - Communicating the Value of Membership in the IAAI (2012) - Tested
- International Association of Arson Investigators - Writing the Initial Origin and Cause Report (2012) - Tested

- International Association of Arson Investigators - Using Resources to Validate your Hypothesis (2012) - Tested
- International Association of Arson Investigators - The Practical Application of the Relationship Between NFPA 1033 and NFPA 921 (2012) - Tested
- International Association of Arson Investigators - NFPA 1033 and NFPA 921 2014 Editions Important Revisions (2012) - Tested
- International Association of Arson Investigators - Ethics & Social Media (2014) - Tested
- National Code Service Association - NFPA 921 Overview & Certification (2014) - Tested
- International Association of Arson Investigators - Basic Electricity (2014) - Tested
- International Association of Arson Investigators – Residential Electrical Systems (2014) - Tested
- International Association of Arson Investigators – Expert Witness (2016) – Tested
- International Association of Arson Investigators – Motor Vehicle Fire Investigation (2019) - Tested
- International Association of Arson Investigators – Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems (2019) -Tested
- International Association of Arson Investigators – Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems (2019) -Tested

LIVE 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