



## CURRICULUM VITAE KHESAHN “KC” HESTER, IAAI-CFI

### **AREA OF SPECIALIZATION:**

Certified Fire Investigator

### **BACKGROUND:**

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:**

Eighteen (18) years of progressive experience with the Fountain Valley Fire Department  
Twelve (12) years in Fire and Arson Investigation with the Fountain Valley Fire Department  
Fifteen (15) years as Mapping Coordinator with the Fountain Valley Fire Department  
Ten (10) year as Terrorism Liaison Officer with the Fountain Valley Fire Department  
Four (4) year as Fire Investigator with Fire Cause Analysis  
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 - International Association of Arson Investigators

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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  
Private Investigator - California, Nevada, Arizona

**SPECIALIZED TRAINING:**

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  
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

**DEPOSITION & 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 AFFILIATIONS:**

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