

CURRICULUM VITAE
FOR
RICHARD B. GRUNBAUM, IAAI-CFI, CFEI, CVFI, CFII, ECT
Fire Origin and Cause Investigator
Private Investigator Licenses - CA PI20512 / AZ 1612087

Fire Origin and Cause, Inc.
P.O. Box 4422 Huntington Beach, CA 92605
Email - rick@fireoc.com Web Page www.fireoc.com
Mobile 714-206-5424 - Office 714-698-9524 - Fax 714-962-0040

CAPABILITIES:

Qualified to investigate fire scenes and explosions, involving residential, commercial, industrial, automotive marine vessels, wildland, hazardous materials, arson 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 necessary to determine the origin and cause. Render a professional opinion with respect to origin and cause investigation. Give expert testimony as to the results of these investigations along with case review and analysis. 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.

EDUCATION:

BS degree in Vocational Education, California State Long Beach, June 2000
AA degree in Fire Science, Santa Ana College, Santa Ana, CA., June 1975
High School Graduate, Edison High School, Huntington Beach, CA., June 1971

EXPERIENCE:

Thirty-seven (37) years of progressive experience with the Huntington Beach Fire Department (Retired).
Thirty (30) years in Fire and Arson Investigation
Twenty (20) years, Hazardous Materials Investigation
Seventeen (17) years Private Investigator - Fire Origin and Cause, Inc.
Part time employee for General Contractor in building construction - 3 years
Investigation of over 2500 fires, including Structures, Vehicles, Marine, Wildland, Flammable Bombs, Explosive Devices, and other miscellaneous incidents, both accidental and incendiary.

LICENSES AND CERTIFICATIONS:

Licensed State of California Private Investigator - PI20512
Licensed State of Arizona Private Investigator - 1612087
Certified Fire Investigator - (CFI) International Association of Arson Investigators
Certified Evidence Collection Technician (ECT) International Association of Arson Investigators
Certified Fire and Explosion Investigator (CFEI) - National Association of Fire Investigators
Certified Vehicle Fire Investigator (CVFI) - National Association of Fire Investigators
Certified Fire Investigator Instructor (CFII) - National Association of Fire Investigators
Certified Fire Investigator - (CFI) California Conference of Arson Investigators
Certified Fire Investigator I - California State Fire Marshal's Office
Certified Fire Investigator II - California State Fire Marshal's Office

LICENSES AND CERTIFICATIONS (cont.):

Certified Chief Officer	Certified Fire Prevention Officer
Certified Fire Officer	Certified Hazardous Materials Tech. 1
Certified Firefighter 1	Certified Hazardous Materials Tech. 2
Certified Firefighter 2	Certified Fire Instructor

COURT QUALIFICATIONS:

Orange County Superior Court – Expert Witness in Fire Origin and Cause – Criminal and Civil Cases.
Los Angeles County Superior Court – Expert Witness in Fire Origin and Cause.
Orange County Superior Court, Juvenile Division – Expert Witness in Fire Origin and Cause.
Riverside County Superior Court - Expert Witness in Fire Origin and Cause.
San Diego County Superior Court - Expert Witness in Fire Origin and Cause
Depositions - Gave testimony as Expert Witness in Fire Origin and Cause, Numerous Civil Cases

TEACHING CREDENTIALS:

State of California, Community College Teaching Credential
State Fire Marshal's Office – Certified Instructor for Fire Investigation 1A, 1B and 2
State Fire Marshal's Office – Certified Instructor for Fire Prevention 1A, 1B, and 1C

SPECIALIZED TRAINING:

IAAI – Advanced Fire Investigation Seminar – 4/2017 – Tested
CCAI – Advanced Fire Investigation Seminar – 11/2017 – Tested
CCAI – Advanced Fire Investigation Seminar – 1033 – 10/16 – Tested
CCAI – Issues with Electrolux Dryer Fires and Arc Mapping – 6/2016
CCAI – “Burn to Learn” – 3/7/16 – Tested
CCAI - NFPA 1033 - 3/30/15 - Tested
IAAI - Advanced Fire Investigation Seminar - 4/2014
IAAI - Advanced Fire Investigation Seminar - 5/2011
NAFI - Advanced Fire Investigation Seminar - 3/2011
Fire Investigation 1 – State Fire Marshal's Office
Fire Investigation 2 - State Fire Marshal's Office
Fire Investigation 3 - State Fire Marshal's Office
O.C.A.I - Kinesics Interviewing
Electrical Appliance Investigation – Public Agency Training Council
CSTI Haz-Mat Investigation
CSTI Officer Safety
C.C.A.I. Bi-Annual Seminars 1998 to Present
H.B.P.D. Psychological Profiling
Haz-Mat Flammable Liquids
Alcohol, Tobacco, and Firearms – Arson for Profit
C.C.A.I Seminar NFPA 921 – 8 Hrs.
C.C.A.I – Live Fire Tests – Doug Allen
C.C.A.I – Fire Death Investigation – Jim Allen
Public Agency Training Council – Vehicle Fires
IAAI – CFITrainer – The Scientific method for Fire and Explosion Investigation - Updated 2009
IAAI – CFITrainer – Introduction to Fire Dynamics and Modeling
IAAI – CFITrainer – Investigating Motor Vehicle Fires
IAAI – CFITrainer – Introduction to Evidence

SPECIALIZED TRAINING (cont.):

IAAI - CFITrainer - Physical Evidence at the Fire Scene
IAAI - CFITrainer - Understanding Fire through the Candle Experiments
IAAI - CFITrainer - Documenting the Event
IAAI - CFITrainer - Investigating Fatal Fires
IAAI - CFITrainer - Fire Investigator Scene Safety
IAAI - CFITrainer - Managing Complex Fire Scene Investigations
IAAI - CFITrainer - Digital Photography and the Fire Investigator
IAAI - CFITrainer - An Analysis of the Station Nightclub Fire
IAAI - CFITrainer - Insurance and the Fire Investigation
IAAI - CFITrainer - Post Flashover Fires
IAAI - CFITrainer - Arc Mapping Basics
IAAI - CFITrainer - Fire and Explosion Investigations: Utilizing NFPA 1033 and 921
IAAI - CFITrainer - The HAZWOPER Standard
IAAI - CFITrainer - Preparation for the Marine Fire Scene
IAAI - CFITrainer - Electrical Safety
IAAI - CFITrainer - Fundamentals of Residential Building Construction
IAAI - CFITrainer - MagneTek: A Case Study in the Daubert Challenge
IAAI - CFITrainer - Wildland Fire Investigation
IAAI - CFITrainer - Evidence Examination: What Happens at the Lab?
IAAI - CFITrainer - The Practical Application of the Relationship Between NFPA 1033 & 921
IAAI - CFITrainer - NFPA 1033 and Your Career
IAAI - CFITrainer - Ethics and the Fire Investigator
IAAI - CFITrainer - DNA
Serial Arson Analysis and Planning

COURSES AND SEMINARS INSTRUCTED:

Master Instructor for Santa Ana College, Santa Ana, CA - Fire Investigation 40 hour intensified class.
Numerous classes since 1978
Master Instructor for Santa Ana College, Santa Ana, CA - Fire Prevention 40 hour intensified class.
Numerous classes since 1978
Master Instructor for Santa Ana College, Santa Ana, CA - Basic Fire Academy - 8-hour class. Numerous classes since 1996.
California Conference of Arson Investigators - Jan. 1998 - Investigative Resources on the Internet
California Conference of Arson Investigators - Jan. 2005 - Report Writing
Western States Auto Theft Investigators - Nov. 1999 - Investigative Resources on the Internet
Fire Investigation Report Writing
Fire Investigation Photography
Fire Cause and Origin, Strategy and Tactics
Incident Command System
Flammable Liquids in Fire Investigations
Fire Behavior
Vehicle Fire Investigation
Company Officer and Firefighter Recognition of Arson Fires
Guest Speaker at Numerous Community Meetings - Arson
Basic Cause and Origin - H.B.F.D Sept. 1997

TEST BURNS:

California Conference of Arson Investigators - Structure Fires 11/2017
California Conference of Arson Investigators - Vehicle Fires
California Conference of Arson Investigators - Electrical Fires
City of Santa Ana - Structure Fires
City of Huntington Beach - Structure Fires
City of Huntington Beach - Flashover Chamber
Public Agency Training Council - Vehicle Fires
C.C.A.I. Electrical Fires - March 2008

PUBLICATIONS:

Numerous articles written for Huntington Beach Police and Fire Department personnel.

PROFESSIONAL AFFILIATIONS:

California Conference of Arson Investigators
International Association of Arson Investigators
National Association of Fire Investigators
Orange County Arson Investigators
International Association of Marine Investigators
National Fire Protection Association
Instructor for the State of California
Instructor for Santa Ana College - Investigation / Prevention
Orange County Fire Prevention Officers (past)
California Fire Chiefs Association (past)