

# **Fire Forensics & Technology**

34145 Pacific Coast Hwy, #501

Dana Point, California 92629

**Office:** 949-667-0530



FFTFIRE.COM

## **Professional Qualifications**

**Jim Brown, CCAI-CFI**

## **CAREER EXPERIENCE**

- January 2020 to Present     **Fire Forensics & Technology, LLC**  
Chief Technical Officer  
Dana Point, CA
- January 2003 to Jan. 2020     **Forensic Fire Investigations**  
Owner  
San Clemente, California
- May 1988 to Dec. 2002     **Jim Brown & Associates**  
Orange, California  
Fire Investigator and owner of company
- August 1983 to May 1988     **Insurance Service Investigations**  
Orange and San Bernardino, California  
Vice President and Fire Investigator
- June 1982 to August 1983     **INS Investigations Bureau**  
San Diego, California  
Fire Investigator
- March 1972 to June 1982     **City of Montclair (CA) Fire Department**  
Fire Inspector/Investigator (August 1975 - June 1982)  
Firefighter (April 1973 - August 1975)  
Reserve Firefighter (March 1972 - April 1973)

In 48 years of fire service experiences, I have investigated approximately 6100 fires. I have conducted criminal arson investigations effecting arrest, transport, and testimony during public service career. Since 1982, I have conducted numerous fire and explosion investigations in the private sector. I have qualified as an expert fire and arson witness on approximately 96 occasions in both Municipal and Superior Courts in the State of California.

I have conducted numerous fire scene examinations for origin and cause in all areas of fire damage including commercial and residential structures, vehicles (automobiles, motorcycles, watercraft, airplanes and large agricultural equipment) and large-scale wildland fire investigations in California, Oregon, Nevada and Texas.

## EDUCATION & TRAINING

### **Certified Fire Investigator**

California Conference of Arson Investigators  
Certification No. 596

### **Chaffey Jr. College**

Fire Science and core course work for AS degree

### **Mt. San Antonio College**

Fire Investigation Class; Bomb Investigation I & II

### **Chaffey College Basic Fire Academy (1974)**

Selected Class President and Graduation Speaker

### **California Fire Academy (1975-1982)**

40-hour classes each at Asilomar, CA

Fire Prevention I, II, IV, VII; Fire Investigation I, II, III, IV; Fire  
Command I, II, Plan Checking for Fire Protection

### **California State Fire Marshal**

Structural Fire Investigation - 1977; Structural Fire Investigation-  
1979; Structural & Electrical Fire Investigation - 1980; Advanced  
Fire, Arson, Explosion Investigation - 1979; (Organizer and Lecturer)

### **Federal Bureau of Investigation/Department of the Army (1977-82)**

Bomb and Explosive Investigation; Explosive Ordinance  
Reconnaissance

Guest lecturer at Los Angeles and Long Beach F.B.I field offices in  
Arson Investigation techniques for agents in the field.

### **California Conference of Arson Investigators**

Training Seminars – Attended 50 and Instructed 10 classes (1975-  
Present)

Meeting the NFPA 1033/921 Challenge, tested and certificated.

### **International Assoc. of Arson Investigators**

Member and Guest Instructor at ITC 2018 Frisco Texas

“The Discovery and Science of Smart Meter Fires”

Co-presented with Dr. Vyto Babrauskas

## **International Assoc. Arson Investigators Training Certs.**

Arc Mapping	Ethics
Fire Dynamic Calculations	Post Flashover Fires
Basic Electricity	Validate Your Hypothesis
Explosion Dynamics	Fire Dynamics and Modeling
Fire Protection Systems	Intro to Evidence
NFPA 1033	Documenting the Event
Process of Elimination	NFPA 921 & 1033
Ventilation Impact of Building Fires	Magnetek Case Study
Practical Application of 921 & 1033	

## **Committees**

### **National Fire Protection Association**

Committee member of NFPA 921 “Guide for Fire & Explosion Investigations”  
(Chapter 28 “Wildland Fire Investigation” Task group)

### **International Association of Arson Investigators**

Chairman of the Research, Discovery and Innovation Task Group  
Member of the “Accreditation Exploratory & Feasibility” Committee

### **California Conference of Arson Investigators**

Member of the Board of Directors  
Co-Chairman of the Certified Fire Investigator committee  
Member of the Training and Education committee  
Member of Constitution and Bylaws Committee

## **Technical Advisor**

### **“National Anthem” Television Production for AMC Network**

Mark Johnson Producer Scott Z. Burns Director/Writer (Production 2020)  
Technical fire expert assisting with script development and accuracy.

### **Carver Labs, Inc.**

Technical and Fire Expert advisor for product development

## **PUBLICATIONS**

***"Juvenile Fire Setters"*** Brown, Jim and *Drury*, Fred

Chapter in two-volume set, "Arson Investigation and Prosecution"  
for California District Attorneys Association

***"Firefighters Role in Arson Investigation"*** Brown, Jim

Western Fire Journal, October 1978

\*Included by reference in the United States Fire Administration  
Report to Congress 1979

***"War on Arson"*** Brown, Jim

We-Tip Training Manual providing crime hotline procedures for fire  
investigators