

OPINE EXPERTS

Mark B. Mooney, Specializes in Fire and Explosion Origin and Cause Investigation

Employment

Self Employed, Private Investigator - License Number: PI 24578

Previous Owner and Partner of AD HOC Fire Investigations - August 2004 - June 2011

Fire Department Employment History:

San Jose Fire Department - April 12, 2002 - January 15, 2005, Arson Unit Supervisor

San Jose Fire Department - April 24, 1986 - January 15, 2005, Fire Captain

San Jose Fire Department - June 1, 1981 - April 24, 1986, Fire Engineer

San Jose Fire Department - November 1, 1973 - June 1, 1981, Firefighter

Formal Education

Associate of Science Degree in Fire Science, Cabrillo College 1985

Associate of Arts Degree in General Education, DeAnza College 1970

Vocational and Professional Certifications

Fire Fighter I - California State Board of Fire Services

POST Level III (PC 832) - Criminal Justice Training Center

Certified Fire and Explosion Investigator - National Association of Fire Investigators

Vocational Training and Education

NFPA 921, Introduction to 2008 Edition, CCAI 2008

Electrical Ignition Sources in Residential Wiring, CCAI 2008

Small Electrical Appliance Fires, California Conference of Arson Investigators 2008

National Association of Fire Investigators, CFEI Certification 2007

Fires Involving Batteries, California Conference of Arson Investigators 2006

Furnace Fire Investigations, California Conference of Arson Investigators 2006

Small Electrical Appliance Fires, California Conference of Arson Investigators 2006

Interview and Interrogation Procedures, Federal Bureau of Investigations 2004

Vehicle Fire Investigations, Santa Clara Co. Arson Task Force 2004

Homicide & Burn Death Investigation, Federal Bureau of Investigations 2004

Vehicle Fire Investigations, California Conference of Arson Investigators 2003

Electrical Fire Investigation, San Mateo Co. Arson Task Force 2003

Fire, Burn, and Char Indicators, California Conference of Arson Investigators 2003

Tactical Use of Fire Arms, Los Angeles County SWAT Academy 2002

Background Investigations, Criminal Justice Training Center 2002

Wild land Fire Investigations, CDF, Office of State Fire Marshal 2001

Arson for Profit, Office of State Fire Marshal 1998

Evidence Collection Techniques, Federal Bureau of Investigations 1997

Automotive Fire Investigations, Sunnyvale Dept. of Public Safety 1993

Explosive Ordinance Handling, San Jose Police Department 1982

Fire Investigation 1A, Office of State Fire Marshal 1978

Military & Civilian Explosives Recognition, United States Army 1976

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Professional Affiliations

National Fire Protection Association
International Association of Arson Investigators
National Association of Fire Investigators
California Conference of Arson Investigators
International Association of Firefighters
Santa Clara County Arson Task Force (During San Jose Fire Department employment)
ATF - San Jose Task Force (During San Jose Fire Department employment)

Investigative Experience

Type	# Scenes	Accidental	Incendiary
Structure Fires	1742	1514	228
Vehicle Fires	388	322	66
Wild land Fires	140	117	23
Misc. Fires	76	67	9
Explosions	7	6	1
Total Fires	2353	2026	327

Expert Witness Experience

Types of Matters:

- Fire Origin and Cause - including Structure, Vehicle, and Wild land fires, both accidental and intentional
- Explosion Origin and Cause
- Water Damage Cause

Notable Cases:

- Santana Row Fire - San Jose,
- Wine Warehouse Fire - Vallejo

Consultations 3
Mediations 2
Depositions 4
Trials 1 Criminal, 1 Civil

Qualified as Expert Witness by Superior Court of California, San Jose

Attorney References

Kenneth Turner Esq.
Turner Law Firm
2057 Forest Avenue, Suite 3
Chico, CA 95814
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Attorney References Continued

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Menekshe Law Firm
16275 Los Gatos Boulevard
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