



Unified

Investigations & Sciences, Inc.



Western Service Center

David A. Lowe, IAAI-CFI

Special Investigator

Los Angeles, California

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EDUCATION:

Cogswell Polytechnical College
Sunnyvale, California
Bachelor of Science
Fire Science/Fire Prevention Technology

California Polytechnic State University
San Luis Obispo, California
Bachelor of Science
Business Administration

EMPLOYMENT:

Unified Investigations & Sciences
Dana Point, California
Special Investigator
December 2010 to Present

Low Fire Investigations
San Juan Capistrano, California
Vice President, Investigator, Expert Witness
Fire & Explosion Investigator, Consultant
1980-1998

Jasich & Lowe Fire Investigators & Consultants
Low Fire Investigations
Los Angeles & San Juan Capistrano, California
Investigator Apprentice
1968-1980 on-call

SPECIALIZED TRAINING:

- International Association of Arson Investigators - NFPA 1033 & 921, DNA Collection at Fire Scenes, Dana Point, CA, 7 Hours - Tested
- International Association of Arson Investigators - Arc Mapping, Electrical Safety, Wildland Fires, Ventilation, Station Nightclub Analysis, Evidence Documentation, Digital Photography, Investigation & Testimony, Evidence Examination, Explosion Dynamics, Critical Thinking, Dana Point, CA, March, 2011 - 43 Hours - Tested
- International Association of Arson Investigators - Scientific Method for Fire and Explosion Investigation, Dana Point, CA, July 2010, 3 Hours – Tested
- International Association of Arson Investigators - Fundamentals of Residential Building Construction, Dana Point, CA, July 2010, 3 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, San Luis Obispo, CA. March, 2010, 20 Hours - Tested
- Unified Investigations and Sciences - UIS Investigation School/Investigations, Arlington, TX, December, 2010, 40 Hours
- California Conference of Arson Investigators – Fire/Arson Investigation, San Luis Obispo, CA, July 1997, 20 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, San Luis Obispo, CA, January 1996, 20 Hours - Tested
- Cogswell Polytechnic College, Open Learning for the Fire Service - Fire Dynamics, Sunnyvale, CA, Fall, 1995, Semester - Tested
- Cogswell Polytechnic College, Open Learning for the Fire Service - Fire Protection Structure and System Design, Sunnyvale, CA, Fall 1994, Semester - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, San Luis Obispo, CA, July 1994, 24 Hours - Tested
- IAAI Nevada Advanced Fire Investigation Seminar – Arson Conference, Las Vegas NV, September 1993, 24 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, Fresno, CA, July 1992, 18 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, Fresno, CA, June 1990, 18 Hours – Tested

SPECIALIZED TRAINING (CON'T):

- International Association of Arson Investigators – Arson Seminar, Las Vegas, NV, April 1987, 40 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, Fresno, CA, June 1985, 20 Hours - Tested
- California Conference of Arson Investigators – Fire/Arson Investigation, Fresno, CA, February 1982, 20 Hours - Tested
- Nevada Advanced Fire Investigation Seminar – Advanced Arson Seminar, Las Vegas, NV, October 1981, 40 Hours - Tested
- California Conference of Arson Investigators - Advanced Fire Investigation, Santa Barbara, CA, January, 1980, 16 Hours - Certificate
- California Conference of Arson Investigators - Advanced Arson Investigation, Fresno, CA, February 1976, 20 Hours - Certificate

EXPERIENCE:

Approximately two decades of combined field experience investigating fires and explosions to determine cause & origin. The majority of incidents involve structures, ranging from residential garages to the largest hotels and commercial buildings, including the MGM Grand Hotel, and Hilton Hotel in Las Vegas, Nevada. Other incidents include automotive, maritime, aircraft, and wild land. Investigations and consultation performed on fire and explosion incidents involving injuries, fatalities, and damage totaling in the hundreds of millions of dollars.

INTERNATIONAL LOSS EXPERIENCE:

Mr. Lowe has conducted fire investigations that occurred in:

Otay, Mexico
Taber, Alberta-Canada

PROFESSIONAL ORGANIZATIONS:

International Association of Arson Investigators
California Conference of Arson Investigators
Southern California Fraud Investigators Association

CERTIFICATIONS: Certified Fire Investigator - International Association of Arson Investigators (IAAI), 1992. Re-certification 1997, 2010

Fire Investigator I - California State Board of Fire Services, 1981

Fire Investigator - National Board on Fire Service Professional Qualifications, 2010

PUBLICATIONS: Halogen Lamps, A clear and Present Danger
Fire and Arson Investigator, March, 1997

Have Nose Will Travel
American Fire Journal, Jan. 1996

Fire Ratings: Antiquated Numbers
Fire and Arson Investigator, Sept. 1995

Arson Facts and Figures
Southern California Fraud Investigators Assn., Sept. 1995

Do Codes Really Protect? A Look at Self-Service Gasoline Stations
California Fire/Arson Investigator, June 1995

Fire Investigations – What to Expect
Fire Victims Handbook, 1992

Static Electricity Basics and Hazards
California Fire/Arson Investigator, Winter 1991

Fire, Weather and Chaos: Are Computers the Answer?
American Fire Journal, Jan. 1991

Flash Point
Fire and Arson Investigator, Sept. 1990

Fire Investigation: Science or Science Fiction?
Fire and Arson Investigator, Sept. 1987

CITATION: National Fire Protection Handbook, 17th Edition
Section 10-11; Fire Loss Investigation,
Additional Readings

COURT QUALIFICATIONS:

Expert Witness - Fire Origin and Cause
Los Angeles County Superior Court
Santa Ana (Orange County) Superior Court

GUEST LECTURER INSTRUCTOR:

Rancho Santiago College
Santa Ana, CA
Fire Investigation, Arson Motives
Instructor, 1996

California Conference of Arson Investigators
Garden Grove, CA
Public and Private Task Forces Working Together
Panel Member, 1994

San Fernando Insurance Adjusters Association
Van Nuys, CA
Fire Investigation and Why it is Important

Los Angeles City Fire Department, Arson/Bomb Detail
Los Angeles, CA
Fire Investigation, Cause Determination
Instructor, 1982